



July/August 2001 • Volume VIII • Issue 6
Technology & Nature
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New Moon: The Magazine for Girls and Their Dreams is an international magazine for every girl who wants her voice heard and her dreams taken seriously. With girl editors ages 8 to 14 and girl contributors from all over the world, New Moon celebrates girls, explores the passage from girl to woman, and builds healthy resistance to gender inequities. The New Moon girl is true to herself, and New Moon helps her as she pursues her unique path in life, moving confidently out into the world.

New Moon

New Moon is a girl's voice,
Floating out on a silent night.
Telling her dreams to who will listen.
New Moon is a girl's spirit,
Soaring on the night's shore.
Paying attention to her dream,
Not someone telling her how to act
Or feel.
Let the New Moon Girl Fly!
—Amanda Sarette

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Girl Talk

Welcome, readers!

As we did this issue, we thought a lot about how technology and nature really affect our lives. Sometimes, technology makes difficult things in our lives easier (hopefully that means a new brand of homework machine!). And we depend

herry Royce

on nature every day, often without realizing it. Plus, technology and nature sometimes depend on each other—like when people use new technologies to help save the earth.

There are lots of inspiring girls and women for you to meet in this issue. Catch up with Jane Goodall, whose job is learning about chimpanzees. Or check out the girls who used technology to design their very own car!

We hope you enjoy this issue as much as we enjoyed making it. Maybe after reading it, you'll dream about your own future career in one of these areas. YOU GO, GIRL, ALL THE WAY!!!

Love, Peace, and Harmony,

Rachel @ Melissa @

page 27



Elda Dausen, 12,

has four sisters, one brother, and three dogs. She goes to boarding school in Dar es Salaam, Tanzania. She hopes to become a doctor because she loves to care for people. Learn how she follows in Dr. Jane Goodall's footsteps. page 36



Rachel Shively, 14,

lives in Maryland with her dad, mom, and brother. She likes to read, rock climb, cave, and be with her friends. Rachel's dream is to be an engineer in the Navy. Join her in some underground adventures. page 12



Destini Mayberry, 14,

lives in Alabama with her father and stepmother. She likes to dance, sing, spend time with her friends, swim, and shop. She also likes spending time with her sisters. Destini shows us what cool inventions the future has in store. page 17



Bettina Gudics, 10,

lives with her parents, baby sister, and dog, Laci, in Maryland. She likes to swim and draw and dreams of becoming an artist and singer. Bettina speaks both English and Hungarian. She's got inside info on the three Rs.

TECHNOLOGY & NATURE

FEATURES

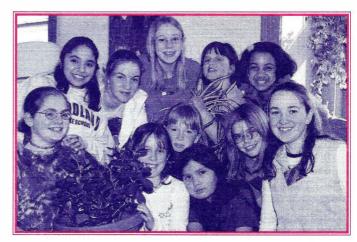
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Help! Earth needs somebody! Help! Not just anybody!

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She believes that children are our future.



Your garden variety Girls Editorial Board

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The cartoon adventures of Rosemary, Techno Girl.

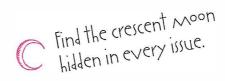
By girls

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One girl goes batty underground.

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Proof that not all ads are bad.



FIND THE TEN LUNA TICS HIDDEN IN EVERY ISSUE



This issue's Luna Tics are drawn by Emily, 10, from Pittsburgh, Pennsylvania, and Julia, 14, from St. Paul, Minnesota.

Draw them in dark ink and on white, unlined paper, and send them to Luna Tics, New Moon, P.O. Box 3620, Duluth, MN 55803.

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Sherry Boyce

IN EVERY ISSUE

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Sweet! Evaporate yourself a tasty snack.



18 🦓 Turkish Delight

Don't be a turkey! Come meet our new friends.



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Merhaba! Welcome to the land of golden apricots.

24 & Going Apel

Jane Goodall monkeys around for a living.



Dream Wheels

Meet some inventive girls with a whole lotta drive.

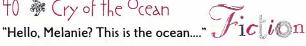


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How to make a hot house.



40 & Cry of the Ocean



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Sometimes seeing isn't believing.





HEY! Watch for me throughout the magazine. Have I got some great books and websites to show you!

Luna Click drawn by Julia, 14, of St. Paul, Minnesota.

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The Last Word

COMINGUP NEXT! MYTHS& SUPERSTITIONS

Dear Luna

Dear Luna.

I think that it is so great that you created a magazine for girls to express their feelings and opinions. I think you give the right message to girls that they can be whatever they want.

In the November/December 2000 issue, your "Body Language" topic was about having your period. I was wondering if you could do another article on that for girls who haven't gotten their periods yet and might want some more information. Thank you for listening. Hannah, 9 • Indianapolis, Indiana

Dear Hannah: Some of our upcoming "Body Language" articles will definitely be about getting your period. In the meantime, you should check out Body Language: New Moon Talks About Growing Up, a collection of past articles about all kinds of important things, like periods, bras, and body image. It's \$8.95, and you can order it by calling us toll-free at (800) 381-4743. Love, Luna.

Dear New Moon.

I've been getting your magazine for over a year now, and I've loved every bit of it. I would sit here and read it agreeing with what everyone said about how looks don't matter and how some people can be sexist by judging people by how they look. But recently, I've finally learned from one of my good friends that looks are REALLY not what matters.

It surprises me. It's been right in front of me this whole time, and I never really got it. And the person who made me realize that your personality is what matters is a guy. Out of all the girls who have said that to me, out of all the times I've read it, it was a guy who finally made me realize what it meant.

The only people who really know you—the real you-are your friends. And if someone doesn't want to get to know the real you because of the way you look, well then it's her or his loss. I guess my point here is that even though everyone should listen to girls, we shouldn't ignore the opposite sex because they may show us what was there all along. Girls are great, but we are all equal. God put guys on this planet for some reason, too!

Renee, 12 • Whitehorse, Yukon, Canada

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Dear Luna.

I got some devastating news from the Rainforest Action Network newsletter. Luna, the 1,000-year-old redwood tree that Julia Butterfly Hill protected for two years, was sawed! The cut is 32 inches deep and 19 feet around the base and makes the 200-foot tree extremely vulnerable to a windstorm. Tree experts have tried to save it by stabilizing it before the next heavy storm. I read that Julia Butterfly Hill said, "I feel this vicious attack on Luna as surely as if the chainsaw was going through me."

Rebecca • Maynard, Massachusetts

Dear Rebecca: People all over the world are mourning this attack on Luna just like you. To learn about what's being done, read Julia Butterfly's poetry about the attack, and get environmental news, go to www.circleoflifefoundation.org Love, Luna.

Dear New Moon

I would like to thank you for including the division of Czechoslovakia in your calendar (January/February 2001). I am Slovak, and some people still don't realize that Czechoslovakia is no longer a country. Several teachers at my school still teach that it is one country! Czech and Slovak are two different countries that originated from two different cultures. It is nice to see you recognizing that.

Rachel • Lyndhurst, Ohio

Dear New Moon.

I am a subscriber, and I did not like the article on your website about boycotting the movies. I mean, it was well-written and all, and I agree with some of it, but come on! I can understand boycotting a company for testing their products on animals or something like that, but it is the viewers' choice which movies they see! I have seen movies that did, in fact, exploit women. And you know what? Even though I didn't like them, they helped me learn about some important issues and helped me understand how bad stuff like that is. I warned my friends about those movies and told them they were bad. But I think witnessing and seeing for oneself is sometimes the best way to learn.

Sarah, 13 · Evanston, Illinois

Dear New Moon, Dear Luna. I really enjoyed the January/February 2001 issue. I I think it's great that your magazine isn't full of ads and anorexic models-not that Seventeen and Teen Peothought that "Tales of a Fourth-Grade Doctor" was ple magazines are bad. It's just that your magazine very interesting. I also enjoyed "Golden Memories." reaches out to young girls and lets them express them-I am very concerned about the energy problem, selves. There was one thing that bugged me, though. It especially in California. Is there any place where I can was that "Girl-cott the Movies" article ("Inside the learn more about this energy problem and how to do Moon," November/December 2000). I agree with you my share? If you live in a place where there is an about movies needing more heroic girls and women, energy shortage, please try to conserve energy. Even if but I think our male directors are great. Maybe not all, you do not live where there is an energy shortage, still but most. So if you're telling girls not to go to movies try to conserve energy. In California, there are mandawith male actors and directors, I think you're being tory rotating power outages. It is not fun. Thank you for close-minded and prejudiced—just the opposite of listening. what this magazine is about. Allison, 11 • Sacramento, California Rachel, 11 • Bloomington, Minnesota Dear Allison: You and other energy-conscious New Dear Sarah and Rachel: Thanks for telling me how you Moon girls (and adults!) can get great information at feel. The point of staying home from the movies in the Consumer Energy Center website (www.con-November was not to encourage censorship but to raise sumerenergycenter.org). Plus, check out Bettina the film industry's awareness of the issues affecting girls Gudics' article in this issue about what you can do to and women-not enough strong female roles in movies, save the earth (page 17). Love, Luna. not enough women directors and producers, and continuing stereotypes about girls and women. It also Dear Luna. wasn't "against" male directors and actors. It was more South Carolina has had a lot of coverage on the about pointing out that it's pretty sad that so few Confederate flag's being on our State House dome. women direct movies and so few movies have strong Some people say it stands for their "heritage." They got female roles, when women make up such a large part that "heritage" by enslaving, beating, and killing Black of the viewing audience. The organizers hope that the people. Those crimes were committed under that flag. girl-cott will raise awareness and help make a change! I, unfortunately, share some of that "heritage" (ances-After all, the only movies we can choose to see are tors who fought for the Confederacy in the Civil War), the ones that are out there. It's like animal testing on so you can't say I don't understand. I wanted the flag off products. Before boycotts of products tested on anithe State House grounds, but instead, it was put right mals, people didn't even have the option of using smack dab in front of the State House. Now it is even products NOT tested on animals. That's why we supworse because if you so much as pass the State House, it ported the girl-cott of the movies—because we want to is in your face. have a choice in the kinds of movies available to us. Caroline, 12 • Columbia, South Carolina Love, Luna. Dear Luna. I enjoy your magazine, and I am grateful to you for Dear Luna, dealing with so many important issues. However, there This letter is in response to Tamar's letter in the Janare two issues that I think have been overlooked. uary/February 2001 issue. Tamar, I'm with you 200%! A good friend of mine is very thin, although she Here are a few ideas for ways to be kind to and to eats well and does not diet. Because of this, people help our animal friends: 1) Become a member of PETA often call her anorexic. Please be aware that a "normal. (People for the Ethical Treatment of Animals, healthy weight" is different for each girl and that teaswww.peta-online.org). 2) Check out PETA's cool animal ing a girl for being thin can be just as hurtful as teasing rights magazine for kids (Grrr!). 3) Buy cosmetics from her for being fat. Bonne Bell, Jane, and Caboodles (all of these are not My second concern relates to tall girls. I have tested on animals). 4) Write letters to places that do noticed that if girls start to grow taller than their cruel stuff to animals. Hannah • Roseville, Minnesota New Moon • www.newmoon.org • July/August 2001 • 5 friends or taller than the boys in their class, they begin hunching their shoulders and necks to try to make themselves shorter. This is probably a result of society's preconceptions about the appropriate height for girls. Such behavior is bad for a girl's health and self-esteem and can have permanent effects. Height can be just as big an issue as weight and rarely gets the attention it deserves.

Molly • Riverside, California

Dear Molly: Thanks for reminding us that bodies come in all different shapes and sizes and that it's important to be proud of our bodies. We'll consider doing "Body Language" articles on these topics. Tall kids can visit the Tall Clubs International website at www.tall.org or write to them at TCI Tall Teens USA, P.O. Box 26833, San Diego, CA 92196-0833 or e-mail TCI-TallTeen@ tall.org for information on tall teen clubs in their area or to join a pen pal club with other tall teens. Love,

Dear Luna.

I was really disappointed when I saw that you didn't put Dr. Martin Luther King, Jr.'s birthday on your calendar. Even if he was a man and your magazine is aimed towards girls and women, Dr. King worked for equality for all people and not just racial equality. His birthday is the only day of the year when we all really look back at the way that Whites treated Blacks.

At this time, we also think of many amazing Black girls and women, who helped with the fight for equality. They include Ruby Bridges and Melba Beal, who helped integrate the schools; Harriet Tubman, who helped slaves escape and begin a new life in the north; and Coretta Scott King, who helped bring the people of the world together. I really hope that you will put his birthday in next year's calendar because this day is very important for people of all races. Thank you.

Claire • San Francisco, California

Dear Claire: You're right! Dr. King's birthday is a very important holiday, and we hope you all celebrated it by remembering his accomplishments in the fight for equality. We didn't mean any disrespect by not including him in our calendar. Read all about Dr. King at Education Planet's website (www.educationplanet .com/articles/mlk.html). Love, Luna.

Dear Luna,

I LOVE your magazine. It really inspires me to do

great things, not only when I grow up but now, too.

I would like to recommend a book called A Treasury of Princesses by Shirley Climo. It is a collection of stories about princesses from all over the world. In the stories, the princesses each have unique traits, such as kindness or strength or even greed. Another book I'd like to recommend is Women Warriors by Marianna Mayer. It's a collection of myths and legends about heroic women. Some of them are princesses or queens, but they are all brave, and some are victorious in the battles they fight. I think that these books are good because they are myths about strong women who are beautiful in their own ways.

Rachel, 11 • Riverdale, New York

Dear Luna.

First of all, I want to say thank you. Your magazine does soooo much. I know you hear that a lot, but it's true! My question is about the upcoming topic "Myths & Superstitions." I know the myths on Hercules—the strongest man ever, who was half-man, half-god. Well, are there any on the strongest woman ever? If so, do you know of books or websites?

Shannon, 10 · Niceville, Florida

Dear Shannon: I'm so glad you readers are gearing up for the September/October "Myths & Superstitions" issue! In your search for myths about strong women, look for information on the Amazons, a warlike tribe of women from Greek mythology. There are tons of websites and books about them; one to check out is www.cybercomm.net/~grandpa/chapter5.html Love, Luna.

Dear Luna,

I just started getting your magazine, and I LOVE it so far. Even though I love your magazine, I have one complaint about the article "Insect Inside" (January/February 2001). As you know, the article is about eating bugs. How would you like it if you were the bug getting eaten?! I know they're healthy for you, but they are living things, too!!! I hope I'm not insulting Melissa, who wrote that article.

Rebecca, 9 • New York, New York

Dear New Moon.

Lately, I have not been reading your magazines, but one of the writers from the January/February 2001 issue caught my eye. Her name is Melissa Huang. I really liked her story about the bugs. I think you should

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have more interesting things like that. Dear Luna, Jazzmyne • Minneapolis, Minnesota I would really like it if you could have an issue with the theme "Words & Poetry." Dear Luna. G. M. • Tsawassen, British Columbia, Canada I loved your "Fashion at Any Price?" article in the November/December 2000 issue. I can truthfully say Dear G. M.: Thanks for the theme idea! The Girls Editothat if I knew it would help, I'd wear any old clothes. rial Board is always looking for theme suggestions. Two But how can one person really make a difference in of our past issues on similar topics are "Books & places so far away? I'd really like to know more about Authors" (September/October 1994) and "Writers & how to help get others involved. Writing" (May/June 1999). You can order back issues by Kelsey • Juneau, Alaska calling us toll-free at (800) 381-4743 ext. 18. Love, Luna. Dear Kelsey: I'm so glad you asked! You should go to Dear Luna. the Youth Organizers (YO!) website at I am not yet a subscriber to your magazine; my www.americas.org/youth, which tells how you can start mother buys them for me at the bookstore. I adore your your own club to stop sweatshop labor. Or write to magazine. What I like best about it is that you have secthem at YO!, Resource Center of the Americas, 3019 tions like "How Aggravating!" and "Howling at the Minnehaha Ave. South, Minneapolis, MN 55406-1931 or Moon." I also like this magazine because girls can yo@americas.org They explain how to educate yourexpress their opinions loud and clear. self, investigate, and then organize! You CAN make a I'm also writing in response to Bean's letter in the difference! Love, Luna. November/December 2000 issue. I disagree with her opinion that this magazine is "colorless." What does Dear Luna. color in the magazine have to do with it? I think that it's I think New Moon is the best magazine on the what they're telling you in the articles that's important. planet! Thank you so much for creating this magazine. The color is inside of the story—just like it really doesn't It gives every girl a hope for equality! matter what you look like as long as the feelings inside I think you should do a magazine on what drugs of you are meaningful to others. I don't think that New and cigarettes can do to you because many girls might Moon is "too good for" her letter, either, because she buy them. Also, another topic is teen suicide. It's a terridid express her opinions. ble thing, and many girls out there need your help to Katie, 9 · Bothell, Washington learn how to cope with these issues. Chloe • Bellaire, Texas Who's Luna? Luna is the spirit of New Moon magazine! Do you have something to say to me? I would love to hear from you! Write to me at Dear Luna, New Moon, P.O. Box 3620, Duluth, MN 55803, or e-mail me at girl@newmoon.org Be sure to include your whole name, age, and street address. If your letter is published, we will only print your first name, age, city, and state. We don't want you to sign your letters "Anonymous." We think girls are brave enough to stand by their opinions, even if they think those opinions will be unpopular. If you still don't want your name printed with your letter, ask us to use your initials. Hey Girls! We need to hear from you. Send us your stories, artwork, and poems for these upcoming themes: 25 Beautiful Girls (Learn how to nominate someone at www.newmoon.org) Deadline is Nov. 1, 2001

Deadline is Jan. 1, 2002

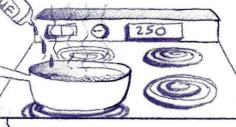
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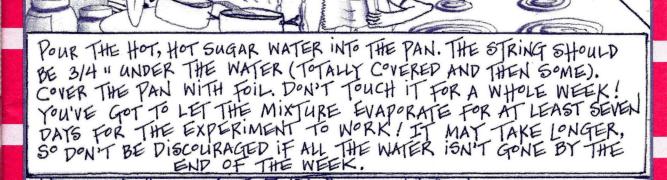




IF YOU WANT, YOU CAN ADD A FEW DROPS OF FOOD COLORING, TO MAKE FANCY COLORED CRYSTALS.

HEAT THE WATER AND SUGAR IN THE POT TO 250°F. DON'T STIR THE WATER ONCE THE SUGAR HAS DISSOLVED OR CRYSTALS WON'T FORM ON THE STRING.







WHY IT WORKS: EVAPORATION. EVER NOTICE HOW SOME LIQUIDS SORT OF DISAPPEAR WHEN YOU LEAVE THEM OUT OVERNIGHT? LIQUID MOVES INTO THE AIR ABOVE IT, LIKE WHEN YOU SEE STEAM FROM A BOILING TEAPOT (ONLY THAT HAPPENS AT A MUCH FASTER RATE IN THIS CASE, THE SOLID SUGAR IS LEFT BEHIND AS THE WATER FROM THE MIXTURE MOVES INTO THE AIR ABOVE IT. WATER EVAPORATES, LEAVING THE SUGAR BEHIND. WITH LESS WATER IN THE PAN, THE SUGAR MOLECULES GET CLOSER AND CLOSER TO GETHER UNTIL THEY FORM THE CUBE-SHAPED CRYSTALS.

Draw Luna



I think Luna is an owl, who resembles the moon.

Ali Fischer, 9, Minnesota

My Luna is one of the 10 Greek goddesses, called the Muses. They inspire arts, such as music and poetry. They are Calliope of epic poetry, Clio of history, Euterpe of music, Thalia of comedy, Melpomene of tragedy, Terpsichore of dance, Erato of love poetry, Polyhymnia of sacred poetry, Urania of astronomy, and Luna of female writers, poets, artists, and musicians. The clock symbolizes that Luna will never die as long as we know she's there.

Caitlyn Moe, 13, Oregon

Luna is the spirit of New Moon. What do you think she looks like? Every girl's idea is different, and that's the way we like it! Let your imagination run wild, and send us a drawing in dark pencil or ink on white, unlined paper of what Luna looks like to you. Send it to Draw Luna, New Moon, P.O. Box 3620, Duluth, MN 55803.



Voice Box

Welcome to Voice Box, where we hear your opinions about hot topics. In the January/February 2001 issue, we asked you to write in about the U.S. presidential campaign. Here's what you said:

I think that Al Gore should be president because George Bush is going to drill an oil plant in the National Animal Reserve in Alaska. Al Gore concentrates on the earth. George Bush, on the other hand, concentrates on factories. I think America would be a better place if Gore had won.

Lindsey, 9 · Gig Harbor, Washington

I think a woman president would help families and children. Maybe she would stop making bombs and do something about guns and drugs.

If I were campaigning, I would try to stop violence. I would probably try to cut taxes and help people who can't pay for medicine.

Alley, 9 · Gay Mills, Wisconsin





This election affected me very strongly. I don't believe Bush is experienced enough to be president. I feel very worried about the country's future and can only hope that he doesn't get elected for a second term because he does not want what is best for the country or the world.

Skye, 14 · Piermont, New Hampshire



I believe that, although the election was long, confusing, and perhaps unfair, we as a nation need to work together to solve the problems facing America's youth. I believe that the largest obstacles facing teens today are drugs and school violence. President Bush and his administration need to develop new ways of discouraging kids from drugs and violence. If we could get drugs and guns off the streets, teens would be safer and happier.

Katie · Union, New Jersey

Next time, we'll ask you to think about genetically engineered foods. Look for it!

To Infinity and Beyond

by Destini Mayberry

I go to a technology high school because I love learning about and using technology. Since I want to be an obstetrician (a doctor who delivers babies), being up on the latest technology is definitely in my future. I thought I'd get a head start and see what the latest inventions are. I hope you'll think they're as cool as I do.



🐿 Going Bananas



Medicine has always relied on technology, even when the best treatment meant getting whacked on the head before an operation to put the person "out cold." Today, anesthesia is much easier: a shot, maybe some gas, and you're asleep. Check out what's happening now—someday, you might get your vaccinations from a banana! A professor at Texas A&M University is working on putting vaccines for cholera, diarrhea, and hepatitis right into fruit, making it easier (and cheaper) to transport and give the treatments. Right now, many drugs have to be refrigerated, which just isn't possible in many parts of the world, so having them in fruits or vegetables solves that problem. People can grow the plants where they are needed.

Not Hard To Swallow

Advances in microchips and miniaturization have led to pill-sized cameras that patients swallow. Doctors use pictures of the digestive tract to help diagnose problems. Normally, a patient has to have a long hose inserted into her throat or rectum, but this camera lets doctors see the patient's stomach and digestive tract without drugs or the painful hose procedures. Say "cheese"!



Dude, Where's My Car?



Computer technology has made systems like Onstar possible. It's a computer that uses telephone and satellite systems to keep track of your car, get you emergency help if you need it, and even unlock your doors if you forget your keys inside.

The Eyes Have It

Laser surgery can mean shorter recovery time and fewer scars. People who have terrible vision can now have LASIK surgery to correct their eyesight permanently—no more glasses or contacts! The surgery takes less than half an hour, and the patient is awake the whole time.





Remote Control



There are some appliances like stoves and furnaces that you can connect to a computer and turn on from work. You could have your oven preheated and ready for cooking before you even get home! There are whole-house computer systems available that let you control all aspects of your house from somewhere else. Imagine turning your lights on and off, turning on the stereo, and turning up the heat so that the whole place is lit up and warm before you even leave work.



Ridin' the Rails

Something I'm looking forward to is voice-activated cars. You wouldn't need keys or gas and brake pedals; you'd just say where you wanted to go and how fast, and off you'd go. Right now, a company called Sky-Tran is developing a transportation system where people would travel in private cars on electromagnetic rails. Each car would hold two people, and they would decide where



A computer drawing of what a SkyTran station would look like

the cars stopped. Some people foresee these systems stretching across the country, making private automobiles and public roads a thing of the past.

The future's looking good from here. And if all of these advancements are around now, just imagine what will be available in the next 30 years!



Check out the "flying" cars at www.skytran.net

How Aggravating!

How Aggravating! is a place where we voice our opinions about what's unfair to girls and women.

What makes you mad? What drives you crazy? What's unfair in your life?

Send letters to How Aggravating!, New Moon, P.O. Box 3620, Duluth, MN 55803, or e-mail us at girl@newmoon.org

Remember to include your whole name, age, and whole street address! What makes me mad are the styles nowadays. I go into stores, and all I see in the girl department are flare jeans and tight shirts. I wear "boy clothes," like loose pants, loose shirts, and hats. I have short, short hair, and whenever someone sees me with my short hair, "boy clothes," and skateboard, they say, "Look at that boy!"

Jen, 12 • St. Paul, Minnesota

In my town, there is an art place I really like going to. You can make all kinds of things. One time when I was there, I picked up a pamphlet about good presents you can make yourself. There was one section on it called "Just For Boys."



make-your-own marbles, rubber balls, bedroom astronomy kits, and chocolate insects. Girls might like those, too! How aggravating!

Emma, 9 • Arlington, Massachusetts

One day at school, we were playing "spud." I got very mad at my teacher because he said, "Girls can take five steps toward the person they are throwing to, but boys can only take three." I took three steps just to prove my point. How aggravating!

Skye, 12 • Lexington, Massachusetts

One day I was playing kickball at recess, and a boy was up to kick. He kicked the ball, and I caught it. Another boy started teasing him and said, "Man, you must be super bad. You got caught out by a girl!" That made me so mad! Girls can be just as good as boys in sports, and sometimes, even better. How aggravating!

Hannah, 9 • Brunswick, Maine

Howling at the Moon

My winter vacation had just ended, and my teachers piled on lots of work when I returned to school. So before I went to bed, I lit two candles, put on some reggae, drank some ginger tea, and gazed at my mini Buddha. It was great and helped me relax!

Karen, 15 • Leverett,

Massachusetts

One day in English class, we were talking about the presidential election. We each said who we wanted

to win and why or why not. I said I didn't want Bush to win because he wasn't pro-women's rights. After class, my teacher told me that I'd changed his mind about the election. He'd originally wanted Bush to win, but he wanted equal rights for each gender. I think it's great that men are becoming feminists. Finally!

Alex, 11 • Benicia, California

I participated in a program for girls in grades six through eight in January. It's called "Expanding Your Horizons." The program is at a university. We could choose two different classes on topics ranging from money saving to career choices. It really helped with our future planning. I'm glad that people really care about a girl's future!

Audrey, 12 • Friendswood, Texas

I saw this ad for water in a magazine. It said, "I was an Amazon Queen. Women ruled the land. As for men, as long as they had dinner on the table, we kept them around."

Lisa, 15 · Los Angeles, California

Howl out your moments of empowerment and sing about the good things in your life!

How do you make life better for girls? Do you know someone who creates equality for girls? What do you see that is already fair?

Send your letters to Howling at the Moon, New Moon, P.O. Box 3620, Duluth, MN 55803, or e-mail us at girl*newmoon.org Remember to include your whole name, age, and whole street address.

POETRY

Save Our Ear

Everything on earth has a meaning
From the light-giving sun
To a ground-digging mole
From all the old and to the young
Even things without a soul
The world is like a cycle
Which never ever ends
Reduce, reuse and recycle
Or the earth will never mend
Mother Nature made this land
For us to share and enjoy
Indeed, this world is grand
But not for us to destroy!

Annching Wang, 12 British Columbia, Canada



The Cow

Please listen while I tell you now About a most fantastic cow Miss Milky Daisy was her name And when seven months old she came to live with us she tried her best to fit in with all the rest But Daisy, as we all could see, Was burdened with deformity A funny sort of bumpy lump On either side above her rump Now, not so very long ago, These bumpy lumps began to grow And, three or maybe four months later, I stood there an enthralled spectator As the bumpy lumps split wide apart And out came, I cross my heart Of all the wondrous marvellous things A pair of gold and silver wings She flapped her wings and up she flew And as she flew my heart did too At last our "deformed" cow Had something special about her now

Jennifer Bachman, 12 Florida

About FACE

by Bettina Gudies

I belong to an organization called Kids F.A.C.E.

(Kids For A Clean Environment). It's an international environmental organization that a 9-year-old girl from Tennessee started in 1989. Kids run all the chapters. As a member, I'm learning how important it is to clean the environment and recycle. There are three main steps you can take to help save the environment: reduce, reuse, and recycle.

That means you should reduce the amount of garbage you produce, reuse what items that you can, and recycle stuff that can be used to make new things. Reduce your garbage by buying less stuff and things that aren't over-packaged. For instance, if you have a thermos, fill it from a big bottle of juice or milk instead of buying single-size drinks; you save a lot of packaging

Take a
Shower!

Baths can use 30 to
50 gallons of water,
while showers only use
five gallons of water per
minute, and even less if a flow
restrictor is installed.

and reduce garbage!
Recycle everything that you can, like plastic, glass, rubber, paper, and soda cans. Reusing items is easy, like using both sides of a paper to draw or write on and making old sheets or T-shirts into cleaning rags.

Water conservation is important, too. Conserve water by turning it off when you brush

your teeth; take short showers instead of baths.

Don't forget energy conservation! Turn off TVs, lights, and radios when you're not using them. Walk or ride your bike (wear a helmet!) instead of driving. Carpool when you can to save fuel and prevent pollution.

The earth belongs to all of us, and it's up to us to keep it healthy. Do your part and help.





Go to www.kidsFACE.org to get more information.

Turkish Delight



Dear Readers: In this Global Village, travel with us to Turkey and learn about three fascinating girls. First, you'll meet Hamdiye, then two of her class-mates-Songül and Firdevs, who are sisters. Love, Luna.

My name is Hamdiye Çelik. I am 13 years old. I live in the town of Dargeçit in the southeastern part of Turkey. I have black hair and dark skin. I am a rather reflective and clever person. I respect my elders and love youngsters. I like reading poetry and playing volleyball.



Hamdiye



My mother, our friend Ekrem, me, and my sister (sitting in front) working at the cotton fields

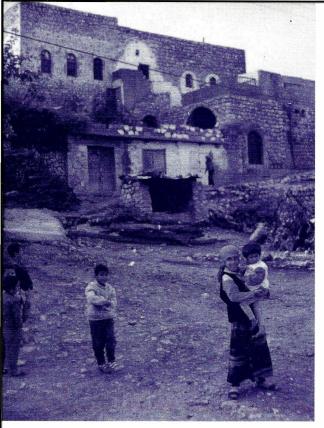
During the week, I go to school in the mornings. When I return home at noon, I help my family with housework first and then eat lunch. I live with my four sisters and my mother. We all help each other. After the housework is finished, I do my homework, read, and play. Since my father died years ago, we live on a very limited budget and barely survive. But I have no complaints.

My mother is a hardworking, honest woman, who helps everyone, and for this reason, she is my role model. I am very happy to have such a family.

When spring comes, we go to

fields in other regions to plow or collect cotton or hazelnuts. When winter approaches, we return to our town, and for the rest of the year, we live on the money we saved.

Our handmade Turkish kilims and carpets are famous worldwide. In rural villages, there are community centers especially for helping girls and women learn how to earn



Some kids and buildings in our town

money. Two of my sisters took kilim and carpet weaving classes at one center. This is how they contribute to our family income.

What's a "kilim"?

A kilim is a hand—woven rug that is exactly the same on the front as on the back, Doubly useful!

In Turkey, our traditions and rituals have an important place in our lives. Some of our traditions are wedding celebrations for young couples, visiting sick people, and funeral services. They are signs of help and solidarity in our society. During religious holidays, people who are angry with each other forget and forgive old misunderstandings and, instead, live in tolerance and love.

We, two sisters, decided to write to you together.

My name is Firdevs Kaya, and I am 13 years old. My sister is 12 years old, and her name is Songül. We also live in Dargeçit. I have hazel eyes and dark hair. I am good-natured, a bit fragile, and tall for my age. Songül is stronger than I am; she rarely gets sick.

We start our day by having pillow fights, joking, and laughing with our other siblings. We study after breakfast. After school, we read, watch TV, listen to music, and paint. When there is work to be done in the house, we help our mother. Sometimes when we four siblings do little pranks, our mother joins the fun, too.



Firdevs



Songül

We do not work. Our mother is a housewife. Our father died six years ago in a conflict between the separatist terrorists and the security forces. (Luna says: For more information on this conflict, go to "Considering Customs.") We were very sad when we learned that our father died. We will always remember our father with pride and honor because he died for his country.

We embrace all the children of the world with love. Be happy.



A Turkish Tradition

In our part of the world, weddings are very significant. The boy sends his family to the girl's family and asks to marry her. After the girl and her family give their consent, the families begin the wedding preparations. The night before the wedding is the henna celebration, when all the girls take a piece of prepared henna, put it into their palms, and tie it with a handkerchief. There is song and dance and food. This celebration strengthens the ties of friendship and the sense of help for the bride. On the wedding day, guests decorate the bride and the groom with gifts of paper money and gold jewelry. Neighboring women bring big trays full of fruit, candy, and flowers to the wedding house. These gifts help the newlyweds set up their new home. This is one example of how Turkish people live in solidarity.

Considering Customs

What's it called?

Turkey

How big is it?

780,580 square kilometers—a little bit bigger than Texas

What language do Turks speak?

Turkish

How do Turks say hello?

Merhaba! (mare ha ba)

What are girls called?

Many Turkish names have specific meanings. Deniz means "sea," Yosun means "seaweed," and Hülya means "daydream."

What religion do most Turks practice?

Islam. Some Muslim girls and women wear clothes that completely cover their bodies. In Islam, girls and women aren't allowed to dress in clothes that reduce them to sex objects.

Who are the Kurds?

Kurds are a different ethnic group from Turks, but they have no country of their own. For thousands of years, they've lived in parts of Turkey, Syria, Iraq, and Iran. For many years, the Kurds have been trying to get equal rights in Turkey. One group, the Kurdish Separatists, started a war against Turkey to get their own country, and many people have died in the conflict.



Sweet Golden Treats

Turkey grows lots of apricots. People pick the apricots, then lay them out to dry-everywhere you look there's a beautiful orange glow! Here's a yummy way to eat Turkish apricots. Remember to ask an adult for help in the kitchen.

Kaymakli Kayasi (Cream-Filled Apricots)

8 dried apricots

1/2 cup (1 1/4 dl) water

1 cup (2 1/2 dl) sugar

₂ T lemon juice

 $_1$ cup (2 $_1/_2$ dl) whipped cream

1 T chopped almonds

Soak apricot halves in water for two hours to soften them. Mix water, sugar, and lemon juice in a pan and bring to a fast boil over medium heat. Carefully add the apricots using a spoon and cook for 5 minutes. Turn off heat. Scoop the apricots from the pan and arrange on a plate. Let cool. Dab some whipped cream on each apricot. Sprinkle with chopped almonds. Dig in!



ASK A GIRL

Ask a Girl is an advice column for you and by you. We help each other and take our problems seriously. Here's how it works: we publish letters that ask for help and advice. In later issues, we publish your replies—advice or personal experiences you can share. Because we get so many replies to each problem, we can only print a few. Write to us at Ask a Girl, New Moon, P.O. Box 3620, Duluth, MN 55803, or e-mail us at girl@new-moon.org Please include your whole name, age, and street address, but tell us if you don't want your name, city, and state published with your letter. (Sorry, we can't reply to individual letters.)

All my friends have boyfriends, and I like this one boy. My mom thinks a girl should be 16 before she starts dating. How should I tell her that I want to go out with this boy?

Nicole, 11 • West Sacramento, California

Have you been through something like this? How did you feel? Whom did you ask for help? How did it turn out? What would you have done differently? Do you have any suggestions or ideas? Write to us!

In January, Anonymous asked for advice about how to deal with her boyfriend, who smoked marijuana. She wanted to talk to him about it, but didn't know how. Here's what you said:

Dear Anonymous,

This is REALLY serious. One of my family members is addicted to alcohol, and I know how you feel; you don't want your boyfriend to become addicted. I think you should tell him how you feel. Tell him you don't want him to get addicted, and that you're worried sick for him. Make sure you sit down alone with him, take your time, and tell him everything that comes to mind. Chances are, he will understand how you feel, but that doesn't mean he'll stop smoking marijuana. Tell an adult you trust that you're scared.

Heidi, 12 • Milwaukee, Wisconsin

Also in January, Sarah wrote in, asking how to help a friend who may have anorexia or bulimia. Here's are two letters of support:

Dear Sarah.

When I read your letter, I got really scared. I am in the middle of a big battle with anorexia. Your description reminded me how I used to do the exact same thing. There are a few things you can do for your friend.

First, don't get mad at her, whatever you do. It's not her fault if she has a problem like anorexia or bulimia. If you're a close friend, you might try talking to her alone. She might be more open with you then. If you two aren't really close, try getting an adult, such as a school counselor, to talk to her. It may sound like a mean thing to do, but it could really help her in the long run.

The most important thing to do is stay on her side. Don't change what you do or how you eat just because of her, either. That doesn't help anything.

Melanie, 13 · Madison, Wisconsin

Dear Sarah:

•

I have had a few (and even that is too many) friends who have had the same problem as your friend, including me, unfortunately. Here is what I've learned from my own experiences:

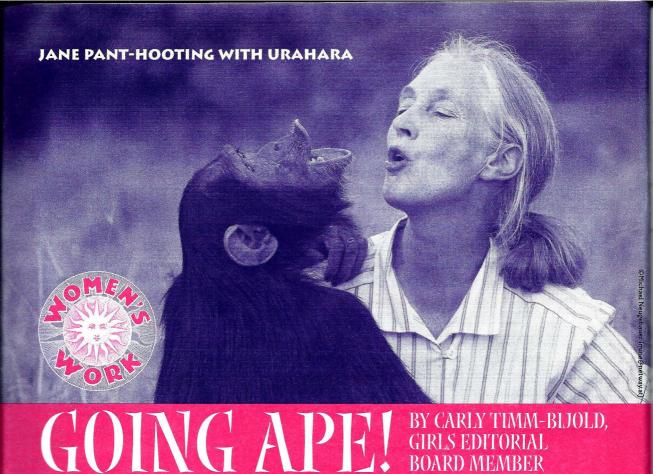
- 1. Your friend is probably aware that she has a problem, but she obviously has trouble admitting it. Staying thin may make her feel better about herself, especially since "You're so skinny!" is taken as a compliment.
- 2. You and your other friends are already doing a good job; you have kept her problem out in the open and are making sure she understands that what she's doing is unhealthy.
- 3. The best thing you can do for her is be supportive. Be there when she needs to talk and keep encouraging her to eat without pushing it too much. There is no point in forcing her to eat. When she starts her recovery, this is especially important. It's a slow path, but it can be done.

One more thing you may want to consider: do her parents know? She will need them to be with her if she is going to get better. Of course, the best thing is for her to tell them herself, once she has acknowledged her problem. I hope this ends before it becomes more serious.

Sarah, 14 • Toronto, Ontario, Canada

FOR MORE INFORMATION

on how to help your friends with eating disorders, go to www.edap.org or check out Good Answers to Tough Questions About Weight Problems and Eating Disorders by Joy Berry.



DR. JANE GOODALL is a primatologist (she studies apes), who's researched the wild chimpanzees in Gombe National Park in Tanzania, Africa, for 40 years. Anthropologist Louis Leakey picked Dr. Jane to work with him and study the chimps who lived along Lake Tanganyika in Tanzania. At first, people didn't like the idea of a young woman living among wild animals, but they gave in when her mother volunteered to stay with her for the first three months. Dr. Jane observed many previously unknown aspects of chimpanzee behavior, and she showed that chimps are much more like humans than people previously thought. The research many thought would end after a few months has now

become the longest field study of any animal species in their natural surroundings. I recently interviewed Dr. Jane, and she told me all about her life.

NEW MOON: You had a lifelong dream of going to Africa. How did you make that dream come true?

"If you really want something, work hard, take advantage of opportunity, and never give up." So I left school and got a job in London. Later, I got invited to Africa by a school friend, so I left the job in London—which was wonderful but didn't pay very much—and went back home and worked as a waitress. I saved my tips and wages

until I had enough money for a return fare to Africa by boat. That's how I got there.

CHIMPANZEES

(PAN TROGLODYTES) CAN
BE FOUND IN 21 AFRICAN
COUNTRIES—FROM THE
WEST COAST AS FAR EAST
AS WESTERN UGANDA,
RWANDA, BURUNDI, AND
TANZANIA. GOMBE
NATIONAL PARK IS IN
TANZANIA.

NM: What was your most astonishing discovery?

JG: That the chimpanzees were using and making tools; up until then, people

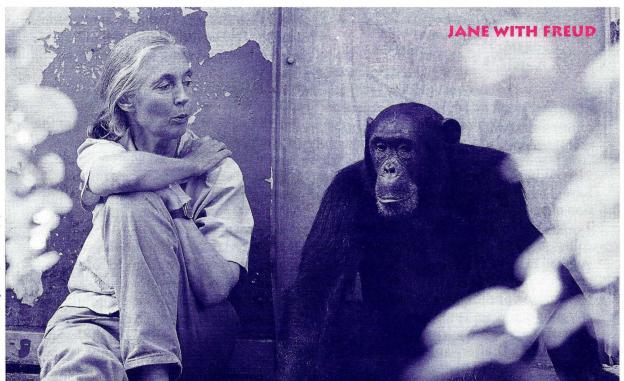
thought only humans did that. It was the one observation that enabled Dr. Leakey to go to the National Geographic Society to get money for me to continue the study. Otherwise, if I hadn't discovered anything exciting, that would have been the end.

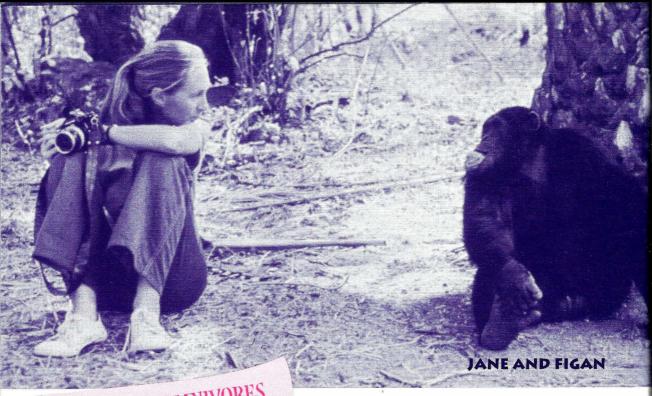
NM: What is your favorite part about working with chimps?

JG: Knowing that they think, they feel, they have personalities. But you can never look out at the world through the eyes of a chimpanzee, so you never know quite what they're thinking or feeling.

NM: What's been the most rewarding part of your job?

JG: Gradually changing the way people think about animals. Chimps teach us there isn't a sharp line between humans on the one hand and the rest of the animal kingdom on the other. We're all part of the





CHIMPS ARE OMNIVORES

THEY EAT FRUITS, NUTS,
AND SEEDS, AS WELL AS
MANY KINDS OF INSECTS AND
MEDIUM-SIZED MAMMALS,
WHICH THEY HUNT.

same natural world, part of the great animal kingdom.

NM: What kind of education did you have? Did you go to college with the intention of being a scientist?

JG: No. I left school at 18. I couldn't go to college because, in those days in England, you had to be good at a foreign language to get a scholarship. We couldn't afford the fees without a scholarship, and I was never any good at foreign languages, so I did a secretarial course, got a job in London, and then got a Ph.D. afterwards, at Cambridge University.

NM: Why did you choose this field of study?

JG: I had been fascinated by animals since I was a tiny little girl. I dreamed about Africa, read the Dr. Doolittle stories, fell in love with Tarzan, and wanted to go to Africa.

NM: Is there anything else you'd like our readers to know?

JG: I'd like your readers to know about the program we've developed for young people around the world, called Roots & Shoots. It's now in 60 countries. That's the thing that most of my passion is devoted to now. Its most important message is that every individual matters and can make a difference every day. It's about the way we can change the world with knowledge and understanding, persistence and hard work, love and compassion. It's about breaking down the barriers between cultures and ethnic groups, the wealthy and the less fortunate, the barriers between countries, and the barriers between animals and people.

ROOTIN' & SHOOTIN'

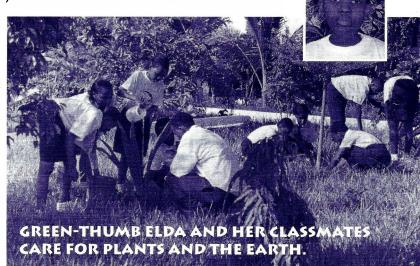
BY ELDA DAUSEN

I'M A 12 YEAR OLD FROM DAR ES SALAAM, TANZANIA.

I'm a member of Roots & Shoots, a program that Dr. Jane Goodall started here in 1991. Dr. Jane believes that the future of the earth lies

in the hands of youth and that it's our job to work towards a better future.

Roots & Shoots is an environmental and humanitarian program that encourages people to care for animals, the environment, and human communities. Our club works in all three areas. We try to help disadvantaged children by donating



DESERTIFICATION

IS WHEN THE LAND DEGRADES AND BECOMES DRIER, WITH FEWER PLANTS, FROM OVER-USE. IT'S MOSTLY CAUSED BY HUMAN ACTIVITIES AND CHANGES IN CLIMATE.

SEE WWW.DIDYOUKNOW .COM/DESERTS.HTM FOR MORE INFORMATION.

used clothes to them. I especially enjoy this side of Roots & Shoots because it helps me make friends with people that I wouldn't meet otherwise. I hope it helps the kids feel that they're an important part of our society and that they shouldn't be forgotten.

As a Roots & Shoots member, I help teach my community about environmental issues. Some people in our area let their cattle continually feed in the same place. This can lead to overgrazing and desertification.

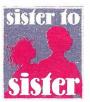
I talk with them and explain the problem and possible solutions. Being part of Roots & Shoots gives me the courage to get up in front of people and talk about the environment.

You can join us in our quest for a brighter

future! By making small changes and working together with other youth groups, I believe that we can make a big difference and make the world a better place.



Dream Wheels



by Evelyn Chou, Kristy Fridley, Teri Hansell, Emily Nilsson, Christine Phung, and Meghna Trivedi

Some people think girls aren't interested in cars. WRONG!

Lots of people think that they could design better products than the ones they use every day. Not many get to put their money where their mouth is. We got to do just that when we entered the Daimler Chrysler "Build Your Dream Vehicle" competition this year. We got really interested in this project last year, when the first all-girl team to make it to the national competition was from our school! We decided to give it a try, too. We go to Perry Hall High School in Maryland, and two teams entered the competition from our school. We competed against each other and six other teams from our region.



Our goal in the competition was to design environmentally sound cars that were safe and appealed to our target market (the people we wanted to buy the car). To begin our dream designs, we had to figure out what the target market wanted. We created surveys and analyzed the information we got, sorting it into charts and graphs. That's how we decided what kind of cars to create for our target markets. Then we brainstormed about design, finances, and marketing.

Before we could even start building our car, we had to draw it. We used a



Emily and Teri put the final touches on the JET car.

computer-aided drafting program (AutoCAD2000) to draw the car on the computer. Then, we used modeling clay to make a scale model of the car and painted it to make it look realistic.

Team JET Goes Sporty

Teri, Emily, John, and John were Team JET. The target market for our sporty, four-person car was 25 to 35 year olds. One highlight of our car was the hybrid engine. This engine is half electric and half gas. These engines are better for the environment and keep fuel costs much lower because they get such good mileage.

Team MECK Goes Off-Road

Meghna, Evelyn, Christine, and Kristy were Team MECK. We designed a sport-utility vehicle, targeting families with children. To figure out what our audience was looking for, we created a website about our vehicle. We had a survey asking people what they look for in a car. The completed survey helped us design it.



Getting Results



We all learned so much about teamwork and time management. We had to depend on each other to accomplish our goal. If one person didn't do her job, the whole group suffered. We had to set deadlines to make sure all the parts were done on time. Sometimes we felt overwhelmed: we had so much research to do and so many decisions to make. But in the end, we felt great about all the things we did. We also learned a lot about cars in general!

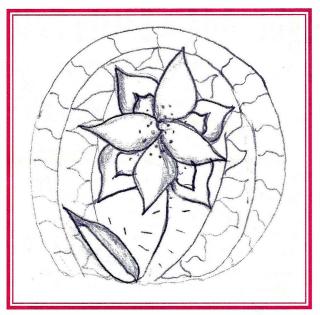
In March 2001, Team JET and Team MECK went to Georgetown University in Maryland to compete for a regional title. A hundred teams competed to go to the national competition and Team MECK and Team JET placed first and second! Team MECK headed to the national competition in Detroit, Michigan, in May 2001! Our dream wheels are our dream come true!



And the winners are...Team JET and Team MECK!



Girls Think of Everything by Catherine Thimmesh (Houghton Mifflin Company 2000) Plus, check out Team MECK's website at www.geocities.com/dreamcarquartet



LUNA'S ART GALLERY

WELCOME TO LUNA'S ART GALLERY!

You asked for more artwork by readers, and this is the special place for it. Here's the work of two fabulous artists! If you would like to have your artwork (a drawing, painting, photo, collage, or anything else) featured in New Moon, send it to Luna's Art Gallery, New Moon, P.O. Box 3620, Duluth, MN 55803. We can only print art that is black and white or done in one dark color (like dark blue) on white, unlined paper. Be sure to include an explanation of what motivated you to create your work of art!

ARTIST'S NOTE:

I made up this symbol; it represents life and women's rights. It is a flower with rays of energy around it.

DRITTANY WOOD, 11 FLORIDA

ARTIST'S NOTE:

This is a pen and ink mechanical bug that I drew for your "Technology and Nature" issue.

MEGAN CHARLES, 14 COLORADO



Take a Little Sunlight, Add a Little Salt

by Amy Timberlake





Dr. Maria "The Sun Queen" Telkes

STATISTICS: Born: 1900 Died: 1995

MOST FAMOUS INVENTIONS: solar distiller for life rafts that turns salt water into drinking water (1940s), the Dover House (see story), solar ovens and food dryers (1950s-1960s).

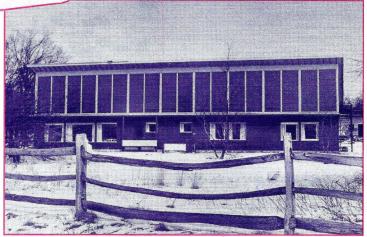
Massachusetts, 1947:

Combining a little salt and solar technology, Dr. Maria Telkes believed she could heat a house by sunlight alone. At that time, solar houses provided only 45% (less than half) of the total heat through sunlight. And brave Dr. Telkes wanted to build her sun house in Dover, Massachusetts (right outside of Boston)—a place of snowy winters and cloudy days. Cloudy days meant no light getting to the solar collectors, so Dr. Telkes' problem was how to store heat when the sun wasn't shining. In fact, she figured the house would have to store heat for 11 cloudy days in a row to stay warm.

Could she do it?

Dover, Massachusetts, 1949:

How did Dr. Telkes solve her problem of 11 cloudy days? With a room filled floor-to-ceiling with salt!



MORSE/TimePix

A photo of Maria's Dover Sun House that appeared in the May 2, 1949 issue of Life magazine. The solar panels are on the upper half of the building.

Items Needed:

A large wall of solar panels (to collect the sun's heat waves)
A lot of fans
3,500 gallons of salt "hydrate" (a special salt that contains water and salt)

Here's how it worked:

On a sunny day, the solar collectors got very hot. Fans blew the heat to the room full of salt. The salt got hot and melted, becoming a liquid. When the sun went down, it got cold. The salt cooled down and became a solid again. As it cooled, the salt released heat. This is called the "heat of fusion." Because of the huge amount of salt, Dr. Telkes believed the Dover House would be able to withstand II sunless days and still be 100% heated by the sun!



Did it work?

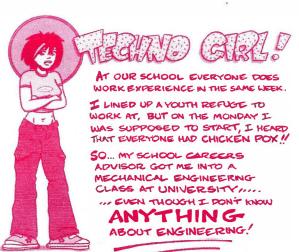
Yes! For two and a half years, the sun heated the Dover House without any other heating. Dr. Maria Telkes accomplished what other scientists thought couldn't be done in a place as cold as Boston. Only sunlight heated the Dover House!

But during the third winter, the drums of salt began to leak, and the salts separated permanently into liquid and solid. So the salts weren't giving off heat during the Massachusetts winter! Mrs. Nemethy, part of the family living in the house that winter, told Dr. Telkes: "I'm sorry, we love Dover, we love you, we love the house, but I'd rather move out from here unless you install electric heaters or do something!"

Though she was probably disappointed, Dr. Telkes said, "Who can expect the first of its kind to be 100 percent effective?" Into the late 1970s, she continued to work on cheap ways to store the sun's warmth for home heating. Scientists still discuss Dr. Telkes' ideas for solar energy and her dozens of solar energy inventions. "Sunlight will be used as a source of energy sooner or later anyway," she wrote in 1951. "Why wait?"

Amy Timberlake is a freelance writer, who enjoys researching cool women. Since learning about Dr. Telkes, Amy is thinking about making her own solar oven. It only takes four hours to bake a potato!









YEP-WE TO SCIENCE
TO LEARN, AND AFFLIED
SCIENCE AND ENGINEERING
TO SOLVE PEOPLE'S
PROBLEMS.





WE COULD BUY ONE OF THOSE BABY-WHEELY-WALKER THINGS!





SPUNKY SPELUNKING

by Rachel Shively

Ever wonder what's underground? Well, I did, so I went down for a look to see what I could find. I have been a spelunker since I was 7 years old, and I've had many amazing adventures in the underground world of caves.

I got involved in spelunking through my brother. He went caving with his Boy Scout troop, and he loved it so much that he introduced my mom and me to it. My first trip was to a small cave in West Virginia. I fell in love with caving after my first step into the cave. There were bats perched on rocks,

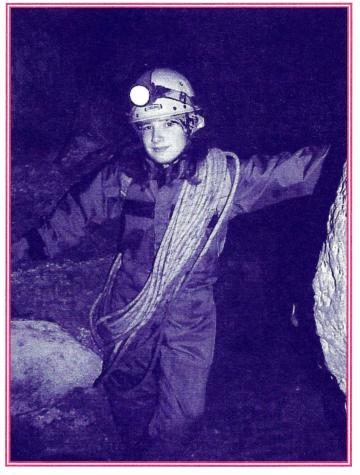
Rachel (left) and her friends rest after spelunking in Witings Neck Cave in West Virginia.



beautiful rock formations, and small, clear pools. Behind all of the mud is the perfect habitat for bats, crickets, and crayfish. Some other beautiful things in caves are the stalagmites and stalactites.

Rachel models the outfit and gear she wears spelunking.

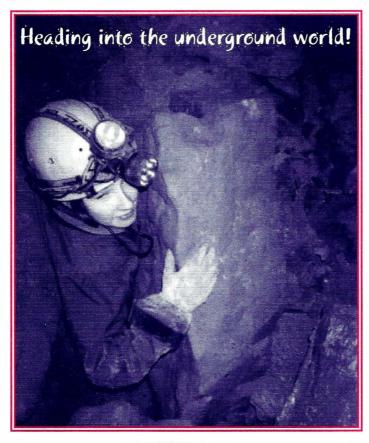
The equipment we use for caving depends on the weather. In West Virginia, spelunkers usually wear nylon or cotton suits to keep warm in the caves. We also carry helmets with headlamps, flashlights, extra batteries, food and water, rope/webbing, and climbing gear. It's always helpful to have webbing and gear in case an injured spelunker cannot move by her/himself, and we have to do a cave rescue.



After my first trip, I joined the local caving grotto and got involved with many other trips. A caving grotto is a good way to get into caving. It's a group of cavers who organize cave conservation projects and set up trips.

Now, after seven years of caving, I go on trips to difficult caves. That means about eight to ten hours of climbing, crawling, and doing whatever I can to help other people in the group. I cave on a regular basis, exploring one to two caves a month. During the winter, I do not go as much since it's so cold in our area. Although it's challenging to keep up with school when I cave, I would never give up spelunking.

Last year I went on a trip with a small group, and we were going in a large cave through an entrance that hadn't been used many times. We weren't sure which way to go. We split up into two groups at a fork, and the way I went was total chaos. The passage was narrow, and we had to stay on the walls



above running water, but that was hard because the walls had spiky knobs growing off them! To add to our misery, the passage came to a dead end, so we had to go all the way back—a good half-hour!

I've had some extraordinary experiences in my seven years of caving. Through caving I've developed a rare sense of leadership and responsibility. I encourage anyone who has the chance to go explore the world underground. You'll find a whole new life—one you didn't know existed!

WHAT ARE STALAGMITES AND STALACTITES?

Stalagmites and stalactites are icicle-shaped mineral formations found in caves.



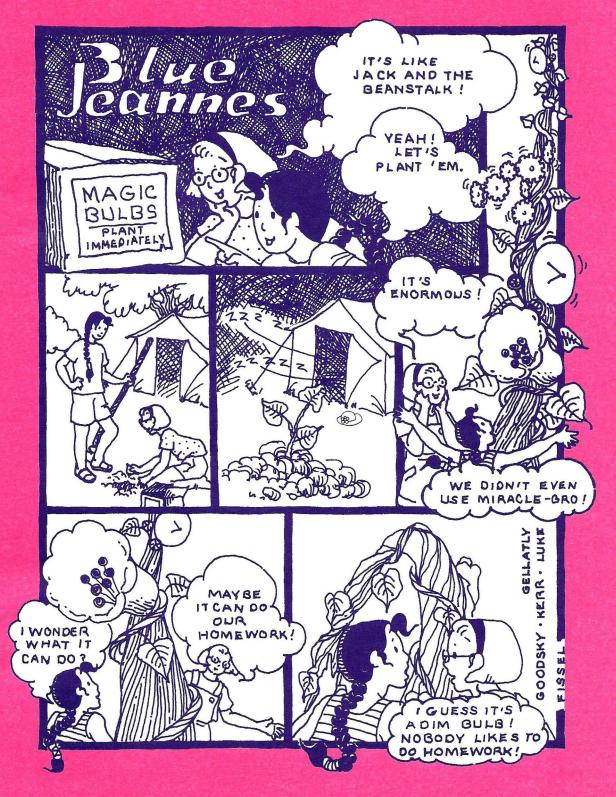
Stalactites hang from the ceiling and are formed from groundwater that seeps through the roof of the caves.



Stalagmites are formed by some of the water that falls from the ceiling.
They grow upward from the floor.



HEY! Check out this book about caving. Exploring Caves: Journeys Into the Earth by Nancy Holler Aulenbach and Hazel A. Barton (National Geographic Society 2001)



Cry of the Ocean

BY ANDRÉE DION . ILLUSTRATED BY DEBBI HOM

elanie walked along the beach with her mother. Melanie was only 6 years old, and it was her first time to the beach; she had just learned how to swim. The sun was setting over the horizon, filling the sky with pale pinks, purples, greens, oranges, and blues. Melanie gathered seashells as she walked with her feet in the water. Melanie's mother wore a beautiful sundress, and Melanie wore a bathing suit and shorts.

Up ahead, Melanie noticed something sticking out of the sand. She bent over and pulled with all of her might. Her mother waited patiently. Melanie gave a pull, and plunk, out came a seashell with such force that Melanie landed on her behind in the sand. She stood up and brushed herself off. Melanie held up the shell triumphantly. It was the most beautiful shell she had ever seen.

"Hold it to your ear," suggested her mother. Melanie giggled at the suggestion, but tried anyway.

"I hear...the ocean!" Melanie cried. Her mother smiled at her.

"Why?" Melanie asked.

"The shell speaks to the ocean, and the ocean tells the seashell how it's feeling," explained her mother.

"Well, what is it saying, Mommy?"

"The ocean is telling the seashell that it's doing well," her mother explained.

Melanie and her mother went home. Melanie brought only one seashell back—the seashell that spoke to the ocean. She placed it on her nightstand and kept it there for years and years. Every night, she listened to the ocean to make sure it was OK.

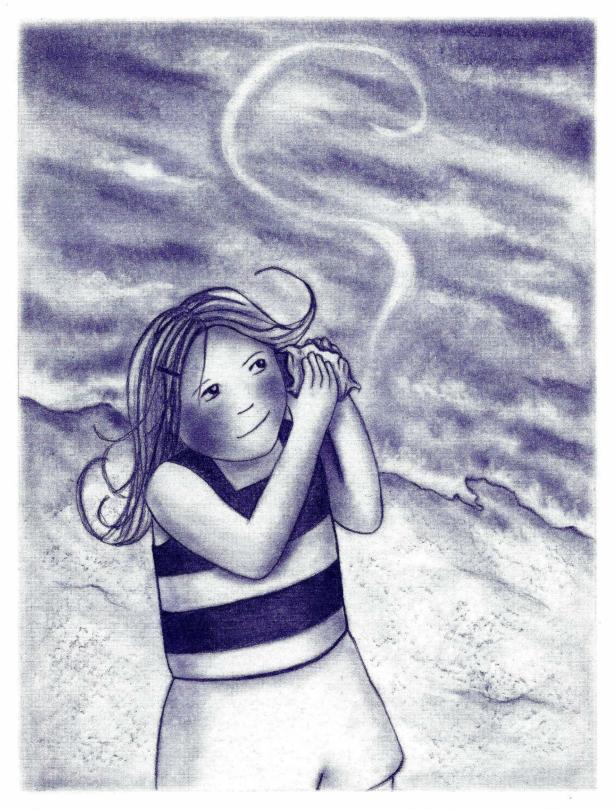
Years later, Melanie suddenly could not hear the ocean in the seashell. Dead silence greeted her when she held the shell to her ear. No more waves, no more birds calling out—just silence. Melanie ran to her mother.

"Please take me to that beach I first went to, Mother," Melanie pleaded.

"All right. We'll go tomorrow," her mother replied.

The next day, Melanie and her mother went to the beach. When they arrived, there was a large yellow sign blocking the road that said "Beach Closed."

Melanie's mother started to back the car up when Melanie said, "Wait. I want to see why." She jumped out of the car and ran to the beach. Trash covered it. There were cans and bags scattered everywhere. The water, too, was filled with trash. The sun was shining, but the beach had lost its glow. Disappointed and sad, Melanie and her mother got back into their car and drove home.



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elanie was crushed. How could people have let this happen? How could they be so careless? Melanie had millions of questions and no answers. She picked up the seashell once more and heard one small bird. It sounded wounded. Melanie could swear it was saying, "Help. Help." Melanie thought for hours and finally went to sleep.

The next day, a speaker came to Melanie's classroom. She talked about how important the environment was.

Melanie thought about the poor creatures on the beach. The speaker taught the class about how they contributed to pollution every day. When question time came, a girl raised her hand and, without waiting to be called on, cried, "What can WE do?"

Melanie flung her hand into the air and said, "Islya Beach has become so polluted that it's closed to public swimming. Let's go on Saturday and pick up the trash. Everyone bring bags and gloves. Please come and do your part."

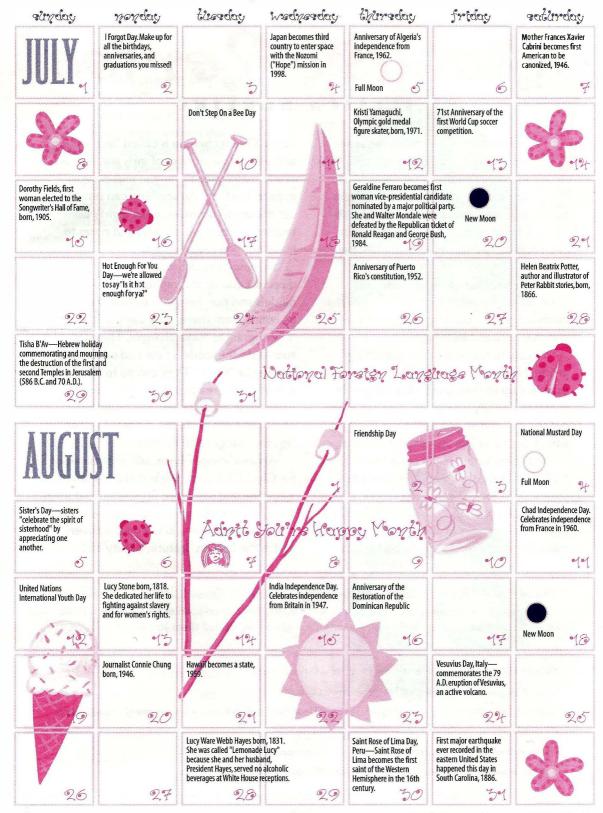


Melanie posted flyers all over town. She even spoke with radio stations and newspapers to get free announcements about the clean-up. When Saturday arrived, hundreds of people came to the beach. People who had probably helped put the trash there in the first place now joined together to clean it up. News crews supplied drinks and a barbecue.

By 4:00, the beach was spotless. That night, Melanie and her mother drove home feeling good about their efforts to save the beach. Two weeks later, the beach re-opened, and crowds of people came to celebrate. Melanie swam all day. She was so happy at how everything had turned out. The beach glowed again with its beautiful pastel colors. Now, when she listened to her seashell, she heard the cry of the ocean, the chirping of birds, and the happy laughter of people enjoying the beach.



Andrée Dion, 14, lives in Ontario, Canada, with her parents and brother. Andrée likes to swim, ski, sing, play guitar, read, write, listen to music, and jump on her trampoline. She wants to be a writer when she grows up. Andrée came up with this story while thinking about how neat it is to be able to hear the ocean through a seashell.



Ricture Rerfect

BY JESSICA NORLING

remember when I read teen magazines only a couple of years ago. I was interested in the latest fashions and stories. But what stands out most in my memory are the images of girls and women. They looked flawless and perfect. I wanted to look just like the models. I compared myself constantly to those images. These images made me believe that if I could only look just like the models, my life would be perfect—I'd be popular, rich, and beautiful.

It's easy to forget that ads are selling products and a way of life. They encourage us to live up to their impossible images. In trying to do that, we may change our looks or lifestyles and, in extreme cases, develop eating disorders like anorexia or bulimia.

You know what's really crazy about all of this? Most likely, the girls and women in the photos don't look like that in real life. Because of advances in computer technology, there are ways to alter photographs to make the images more appealing to audi-

ences. One technique is called "airbrushing" and using it on pictures of girls and women in ads, magazines, or movies makes them appear "perfect." Airbrushing can smooth out a woman's wrinkles, make a girl's waist smaller, or erase her pimples and pores to make her skin look flawless.

So, how does airbrushing work? Art directors and photographers take pictures of models and put them into a computer photo program. From there, they use the tools of the program to make changes. They can zoom into the model's face and cover up any pimples or "flaws." They can go to the stomach or thigh area and shave off inches to make those areas smaller and smoother. They can even make the model's neck or legs look longer and thinner.

Andrea Vande Pluym, editorial manager for ChickClick.com, worked at a top teen magazine and witnessed first-hand what magazines do to make photos look flawless. She says, "Those photos you see on the covers and in the fashion, feature, beauty and

There's more that you cando. Write to magazines and TV stations and voice your opinions about the images you see. Encourage your favorite magazines and companies to use more realistic images of girls and women in their advertising. And when they do, tell them you like it!

ABC: 7 Lincoln Square, New York, NY 10023 • www.abc.go.com

Calvin Klein: 205 W. 39th Street, 14th Floor. New York, NY 10018

CBS: 51 W. 52nd Street, New York, NY 10019 • www.cbs.com

CosmoGIRL! Magazine: 224 W. 57th Street, 3rd Floor, New York, NY 10019 • www.cosmogirl.com/talktous

Cosmopolitan: 224 W. 57th Street, New York, NY 10019 • www.cosmopolitan.com

NBC: 30 Rockefeller Plaza, New York, NY 10112 • www.nbc.com

Seventeen: 850 Third Ave., 9th Floor, New York, NY 10022 • www.seventeen.com

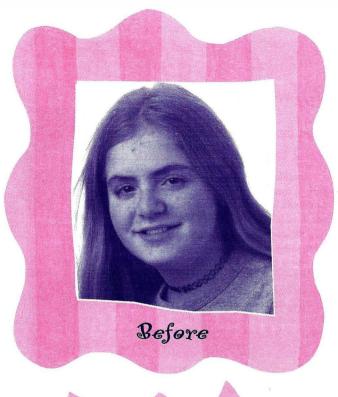


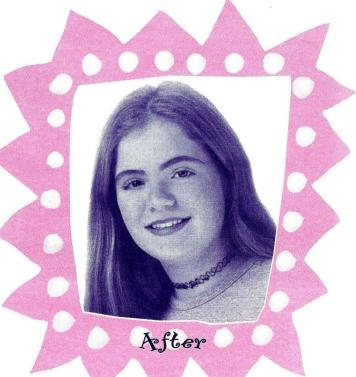
advice sections. . . they're all fake and take as many as 10 people to make them look good." Andrea offers this

advice for girls and women: "Whatever you do, don't compare yourself to the girls and women you see in magazines. They don't own those clothes (and could never afford them on average model's pay). Their skin is not perfect. Their bodies aren't flawless. They didn't do their own makeup and hair. And their lives are not perfect."

The next time you see pictures of girls and women in ads and magazines, ask yourself one question: Are they real?

To show you how photo altering works, we got Ana, one of our Girls Editorial Board members, to pose for some photos. Here's what we did: when we took the "after" shot, Ana was wearing makeup, and we used brighter lighting all around her face. Then, after we took the photos, we used a computer program to smooth out her skin tone, remove her blemishes, soften her facial lines, redefine her lip shape, add two teeth, whiten her teeth, brighten her eyes, narrow her face, and add subtle highlights to her hair. Pretty astounding, isn't it?





Jessica Norling is New Moon's intern. She graduated from the University of Minnesota-Duluth with a degree in Communication. Jessica enjoys outdoor activities, traveling, and eating pizza!

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Inside the Moon

Dear Readers:

Turn Beauty Inside Out was a huge success once again!

Ten of our editors met 18 of the 25 Beautiful Girls in New York City. They talked to people who work in advertising about changing the way ads show girls and women. They heard from Jean Kilbourne, the international expert on advertising and body image, and Gloria Jacobs, the editor of Ms. magazine. What a blast!

We want to thank all the people and companies who helped make Turn Beauty Inside Out such a huge success, both in New York and on Turn Beauty Inside Out Day (May 16)! (See www.newmoon.org for details & fun photos.)



The Beautiful Girls and the GEB girls hanging out at the Gershwin Hotel

Thanks

Beautiful Donations: Kim Lund; Martha Alworth;

Kim Lund; Martha Aiwer Graphic Digital Images; Girl's Best Friend Foundation; Barnes & Noble; St. John's University; Fortune Bay Casino; the Girls Editorial Board & parents; the 25 Beautiful Girls' families & friends Other Beautiful Support:

YWCA of Duluth; Clarity; Ms. Foundation; Jean Kilbourne; Ms. magazine; Stoner Bunting; The Martin Agency

Our Beautiful Staff in Duluth;

Linda, Crys, Michelle, Miranda, Shelly, Sandy, Jessica Creative Support
On Beautiful Public
Service Announcements:
H. T. Klatzky & Associates:
Patrice Bradley & J. S.

Patrice Bradley & J. Scott Mylin; WDIO.TV: David Spjut & Ron Flesvig; KBJR-TV: Chris Hussey; Shockley Communications: Julie Brown; Dads and Daughters: Joe Kells. Our Beautiful Hotel in New York:

The Gershwin Hotel

I can't wait to see what you all do for 2002!



Love, Nanny

New Moon's Founder

Gershwin Hotel

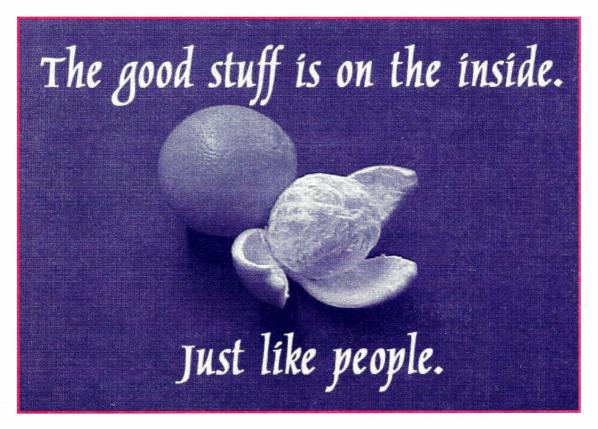
The Gershwin Hotel 7 East 27th Street New York, NY 10016 Phone: 212.545,8000 Fax: 212.684.5546 www.gershwinhotel.com

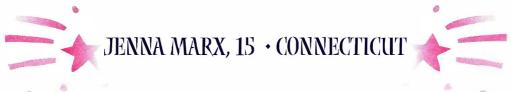
It's time to start gearing up for next year's 25 Beautiful Girls issue! Go to our website at www.newmoon.org to find out how to nominate a beautiful girl in your life for the May/June 2002 issue.

AD IT UP

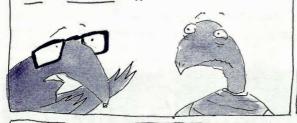
Thanks to all the readers who sent in their fabulous Turn Beauty Inside Out ads. We had a really hard time choosing a winner. After a lot of looking and voting, we thought that this ad really shows where real beauty lies—on the inside.

Check out our website (www.newmoon.org) for more great entries!





"HOW MANY TIMES DO I HAVE TO SHOW YOU, TANYA?? IT'S REALLY SO SIMPLE!!"



"I-I DON'T KNOW! MAYBE
I'LL JUST **NEVER** GET HOW TO
DO SUCH TECHNOLOGICAL STUFF."



"MAYBE I HAVE A BRAIN THAT ONLY PROCESSES SIMPLE, CREATIVE THINGS..."



"IT JUST SEEMS LIKE TOO MUCH INFORMATION, TOO FASTUM

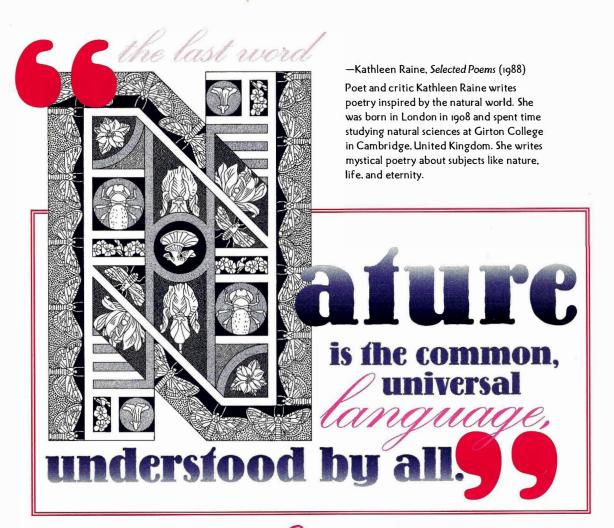


"THERE, THERE - I HEAR YOU... NOW, ONE MORE TIME..."



"PUSH, THE PEN COMES OUT, PUSH AGAIN, THE PEN GOES IN..."





A Mighty BIG Thanks to Ashley of Cambridge, Idaho, Caitlin of Seattle, Washington, Katharine of North Bennington, Vermont, Madeleine of Atlanta, Georgia, Marian of Cape Neddick, Maine, and Rebekah of Sudbury, Massachusetts, for requesting New Moon brochures to give to their friends & libraries. Luna loves friends like you!

This issue's cover art

was done in oil paint and collage by Jennifer Kalis. Jennifer graduated from the Maryland Institute, College of Art. She lives in Ohio with her very fat cat, Mia. She collects PEZ® dispensers and loves to swing dance.

