Young Heroes: Rachel Beckwith

Rachel Beckwith is a hero because she figured out how to make a difference in the world. Imagine that a group in your town is offering $1,000.00 to a person who can make a difference in your community. You have a great idea that you’d like to try. Describe your idea and how you would use the money to make a difference.
Counting Endangered Animals

How do scientists count endangered animals? It’s a hard job just because there aren’t that many animals to count. Write what you would tell a friend or family member about how scientists find and count endangered animals. Here are some words you might use.

<table>
<thead>
<tr>
<th>marks</th>
<th>photographs</th>
<th>Florida panthers</th>
<th>dogs</th>
</tr>
</thead>
<tbody>
<tr>
<td>sniff</td>
<td>fingerprints</td>
<td>radio collar</td>
<td>airplanes</td>
</tr>
<tr>
<td>tails</td>
<td>songs</td>
<td>humpback whales</td>
<td>underwater</td>
</tr>
</tbody>
</table>

Comprehension Response Activities

FYI for Kids — Level 5

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The Tides

Write all these words in the right places to complete this puzzle, which tells some things you learned about tides. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>coming</th>
<th>going</th>
<th>hunt</th>
<th>low</th>
<th>ocean</th>
</tr>
</thead>
<tbody>
<tr>
<td>pools</td>
<td>pull</td>
<td>rises</td>
<td>six</td>
<td>starfish</td>
</tr>
</tbody>
</table>

The ________________ is always moving. Waves roll in, and the water level ________________ and falls. When the water level rises, we say the tide is ________________ in. Then, after about ________________ hours, the water level starts to fall. When the water level falls, we say the tide is ________________ out.

High and low tides are caused by the Sun and the Moon, which ________________ on the ocean. There are two high tides and two ________________ tides every day. When the tide goes out, some water stays on the beach and forms ________________. Animals, including ________________, mussels, and crabs, live in these tide pools. Birds ________________ for food in these pools, and plants grow there.
Coretta Scott King

Write all these words in the right places to complete this puzzle, which tells some things you learned about Coretta Scott King. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>Alabama</th>
<th>assassinated</th>
<th>college</th>
<th>discrimination</th>
<th>holiday</th>
</tr>
</thead>
<tbody>
<tr>
<td>married</td>
<td>Nonviolent</td>
<td>sang</td>
<td>speeches</td>
<td>world</td>
</tr>
</tbody>
</table>

Coretta Scott King grew up in a small town in the state of _________________.

While she was studying in _________________, she met Martin Luther King, Jr.

After they were _________________, they worked together in the

Civil Rights movement. They went to protest marches and made _________________

about civil rights. They marched, spoke, and _________________ against

violence to try to attain their goals. One of these goals was to end _________________

and social injustice.

After Martin Luther King, Jr. was _________________, or killed,

Coretta continued their work. She founded the Martin Luther King, Jr. Center for

______________________________ Social Change. She met with civil rights

leaders all around the ________________. She also helped make her

husband’s birthday a national ___________________________.

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Do you think monsters exist, or are they just made up to frighten people? Write what you would tell a friend or family member about the monsters presented in this article. Then ask that person whether monsters are real. Here are some words you might use.

<table>
<thead>
<tr>
<th>Bigfoot</th>
<th>mapinguary</th>
<th>Loch Ness Monster</th>
<th>Nessie</th>
</tr>
</thead>
<tbody>
<tr>
<td>lake</td>
<td>Scotland</td>
<td>Brazil</td>
<td>bear</td>
</tr>
<tr>
<td>dinosaur</td>
<td>tall</td>
<td>500 pounds</td>
<td>beetles</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>United States</td>
</tr>
</tbody>
</table>
What’s Your Name?

Write all these words in the right places to complete this puzzle, which tells some things you learned about names and new words. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>browse</th>
<th>e-mail</th>
<th>electronic</th>
<th>Internet</th>
<th>blogs</th>
</tr>
</thead>
<tbody>
<tr>
<td>library</td>
<td>mail</td>
<td>parents</td>
<td>surfing</td>
<td>web</td>
</tr>
</tbody>
</table>

Many of the names for things we use today did not exist when your were kids. Your parents got their from a mailbox or a post office. In contrast, a lot of the mail people receive today is in the form of .

Many new words are needed as computer products are created. E-mail, which is one of these words, was created from the words and mail. Another is the word, which was invented in the 1980s to describe the system that links computers around the world.

Some older words also were used in different ways. For example, a was once just something that was spun by a spider. Also, just meant riding big waves!

When you in a book store or , you look for a good book to read. Today, you can also browse on a computer, looking for books or Internet journals, such as . New words help you name all kinds of new things in the world.
The Art of Recycling

Write all these words in the right places to complete this puzzle, which tells some things you learned about making art from recycled materials. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>artists</th>
<th>bracelets</th>
<th>chip</th>
<th>jewelry</th>
<th>garbage</th>
</tr>
</thead>
<tbody>
<tr>
<td>reuse</td>
<td>materials</td>
<td>purses</td>
<td>recycled</td>
<td>bottles</td>
</tr>
</tbody>
</table>

Today, art is made from many kinds of _________________.

________________________ use paint and clay to create art, but they also use ______________________ materials.

Sometimes, artists say something about our world when they use recycled materials. A giant white cloud in New York City, for example, was made from 53,000 water ______________________. The artists used these objects to show how many water bottles end up in the ______________________.

________________________ designers also make necklaces and ______________________ from recycled materials. Bracelets can be made from braided potato ______________________ bags.

________________________ can be knitted from plastic grocery bags. What kinds of recycled materials could you ______________________ to create art?
**Guitars: The Kings of Rock**

Write all these words in the right places to complete this puzzle, which tells some things you learned about guitars. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>electric</th>
<th>electricity</th>
<th>highest</th>
<th>longest</th>
<th>neck</th>
</tr>
</thead>
<tbody>
<tr>
<td>acoustic</td>
<td>pressing</td>
<td>sounds</td>
<td>speakers</td>
<td>string</td>
</tr>
</tbody>
</table>

Did you know that there are two kinds of guitars? __________________________
guitars don’t need to be plugged in. They make __________________________
when their __________________________ vibrate. The strings in
______________________________ guitars also vibrate, but pick-ups under the
strings send signals from these vibrations to __________________________. The
speakers make the sounds of the strings louder. As their name says, electric guitars
need __________________________ to make sounds.

There are many similarities between acoustic and electric guitars. Both have
a long __________________________ that holds the strings. Guitarists change
notes by __________________________ down on the strings. The thickest and
______________________________ strings make the lowest sounds. The thinnest and
shortest strings make the __________________________ sounds. Guitars are
popular in many types of music today.

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An Island is Born

Write all these words in the right places to complete this puzzle, which tells some things you learned about how earthquakes and volcanoes change the earth. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>Earth</th>
<th>earthquakes</th>
<th>islands</th>
<th>large</th>
<th>melt</th>
</tr>
</thead>
<tbody>
<tr>
<td>mud</td>
<td>Pakistan</td>
<td>plates</td>
<td>push</td>
<td>rocks</td>
</tr>
</tbody>
</table>

The ground looks solid and still, but sometimes it moves. Huge _______________ lie just beneath the earth’s surface. These rocks are called tectonic ______________. As they move, they ____________________________ against each other. This pushing can cause the types of movements seen in ____________________________ and volcanoes.

Small earthquakes don’t usually cause much damage, but _______________ earthquakes can destroy homes and kill people. Large earthquakes can also create ____________________________ in the ocean. The Gwadar mound, which is an island that was created when a huge earthquake struck off the coast of ____________________________, is actually a ____________________________ volcano. Mud volcanoes explode when the soil and rocks in them get hot enough to _____________________________. Islands created by earthquakes can appear and disappear quickly, showing us how our ____________________________ changes.
Chess: A Game of Kings and Queens

Chess is a board game played around the world by children and adults. There are chess tournaments and championships that involve many players.

What is your favorite game? Is it a board game, a video game, or a game or sport you play with friends? Describe your favorite game and why you enjoy it.
Hula: Dance That Tells a Story

Write all these words in the right places to complete this puzzle, which tells some things you learned about hula dancing and Hawaii. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>dancers</th>
<th>drums</th>
<th>flowers</th>
<th>grass</th>
<th>Hawaii</th>
</tr>
</thead>
<tbody>
<tr>
<td>imagine</td>
<td>story</td>
<td>ukuleles</td>
<td>world</td>
<td>written</td>
</tr>
</tbody>
</table>

Around the ____________________________, dance takes many different forms. In the state of ____________________________, people do a dance called hula. Hula ____________________________ wear skirts made of ____________________________ and leaves. Their bracelets and anklets are made from ____________________________.

While dancers perform, musicians play instruments, including rattles, ____________________________, and ____________________________. Ukuleles look like small guitars.

Many visitors to Hawaii don’t know that hula dances tell a ____________________________.

Long ago, before there was a ____________________________ language, the Hawaiian people created hula dances to tell about things that happened and about their travels around the world. As you watch the movements of hula dancers, try to ____________________________ the story they are telling.
Young Inventors: Caine Monroy

Caine Monroy invented games that he made out of cardboard. Imagine that you are going to enter the Annual Cardboard Challenge.

What would you build? Describe and make a sketch of your creation. Remember that you can use cardboard and other materials, too. Then go ahead and build it! Take pictures and submit them to the Cardboard Challenge (cardboardchallenge.com). Who knows? You might be the winner and the next young inventor!

Name ___________

Comprehension Response Activities
FYI for Kids — Level 5

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Lasers: The Power of Light

Write all these words in the right places to complete this puzzle, which tells some things you learned about lasers. You can reread the article before you begin, but don’t look back at it while you are working. After you’ve completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>colors</th>
<th>DVDs</th>
<th>1960s</th>
<th>inventions</th>
<th>light</th>
</tr>
</thead>
<tbody>
<tr>
<td>low-power</td>
<td>metal</td>
<td>one</td>
<td>scanners</td>
<td>wavelength</td>
</tr>
</tbody>
</table>

Lasers are fairly new ______________________________. They were invented as late as the ______________________________, only a little more than 50 years ago. Lasers are used in the ______________________________ that read barcodes in stores. Lasers also read the codes on the CDs and ______________________________ that play music and show movies.

Lasers have different strengths. The lasers in toys and barcode scanners are ______________________________ lasers. In contrast, high-power lasers are used in surgery and can cut ______________________________.

Laser beams are a form of ______________________________, but they are different from sunlight. Sunlight is made up of all the ______________________________ of the rainbow. Each color has a separate ______________________________. Wavelengths measure how quickly light moves. Unlike sunlight, lasers have only ______________ wavelength. Because they can be used in so many ways, many people think lasers are one of the top ten inventions of the 20th century!
New Animal Species

Most people know that some species of animals are endangered and may become extinct. However, most people don’t know that scientists are still discovering new species. Write what you would tell a friend or family member about some of the new species scientists have discovered. Here are some words you might use.

<table>
<thead>
<tr>
<th>South America</th>
<th>rainforest</th>
<th>Atlantic Ocean</th>
<th>Turkey</th>
</tr>
</thead>
<tbody>
<tr>
<td>frogs</td>
<td>harmless</td>
<td>Carolina hammerhead</td>
<td>scorpion</td>
</tr>
<tr>
<td>trees</td>
<td>underwater cave</td>
<td>see-through shrimp</td>
<td>Pacific Ocean</td>
</tr>
</tbody>
</table>

Comprehension Response Activities
FYI for Kids — Level 5

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Public Spaces

Public spaces are places everyone can use—and usually for free. If you go to a public school, you are using a public space. Libraries, parks, playgrounds, and hiking trails are all public spaces.

What public spaces do you visit in your town, city, or neighborhood? What kinds of activities do people do in these public spaces?
Knitting: From Sheep to Scarf

Write all these words in the right places to complete this puzzle, which tells some things you learned about knitting. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.

<table>
<thead>
<tr>
<th>bears</th>
<th>create</th>
<th>clothes</th>
<th>gifts</th>
<th>goats</th>
</tr>
</thead>
<tbody>
<tr>
<td>hair</td>
<td>hats</td>
<td>hospitals</td>
<td>experiment</td>
<td>yarn</td>
</tr>
</tbody>
</table>

Before ____________________________ were made in factories, people knitted their own clothes. They knitted sweaters, scarves, and ____________________________ to keep themselves warm.

When you knit, you use needles and ____________________________. Some yarn is made from the wool of sheep, ____________________________, or llamas. Other yarn is made from ____________________________ shed by dogs and cats.

People who knit like to ____________________________ new things.

Some knitters make hats and sweaters to give to their friends or family members as ____________________________. They may also knit things and donate them to ____________________________ or other charities. The Mother Bear Project collects knitted ____________________________ and sends them to children around the world. Knitting is a great way to ____________________________ with colors and designs.