DIBELS® Next Administration Directions and Scoring Keys

Daze/Level 5 Progress Monitoring

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Directions: Make sure you have reviewed the scoring rules in the *DIBELS Assessment Manual* and have them available. Say these specific directions to the students:

 Before handing out the worksheets, say I am going to give you a worksheet. When you get your worksheet, please write your name at the top and put your pencil down. Hand out the Daze student worksheets. Make sure each student has the appropriate worksheet.

When all of the students are ready, say You are going to read a story with some missing words. For each missing word there will be a box with three words. Circle the word that makes the most sense in the story. Look at Practice 1.

Listen. After playing in the dirt, Sam went (pause) home, summer, was (pause) to wash her hands. You should circle the word "home" because "home" makes the most sense in the story. Listen. After playing in the dirt, Sam went home to wash her hands.

Now it is your turn. Read Practice 2 <u>silently</u>. When you come to a box, read all the words in the box and circle the word that makes the most sense in the story. When you are done, put your pencil down.

Allow up to 30 seconds for students to complete the example and put their pencils down. If necessary, after 30 seconds say *Put your pencil down*.

- 2. As soon as all students have their pencils down, say Listen. On her way home, she (pause) chair, sleep, saw (pause) an ice cream truck. You should have circled "saw" because "saw" makes the most sense in the story. Listen. On her way home, she <u>saw</u> an ice cream truck.
 - When I say "begin," turn the page over and start reading the story silently. When you come to a box, read all the words in the box and circle the word that makes the most sense in the story. Ready? Begin. Start your stopwatch after you say "begin."
- 3. Monitor students to ensure they are reading and circling the words. Use the reminders as needed.
- 4. At the end of **3 minutes**, stop your stopwatch and say **Stop. Put your pencil down.** Collect all of the Daze worksheet packets.

Timing	3 minutes. Start your stopwatch after you say "begin."
Reminders	If the student starts reading the passage out loud, say <i>Remember to read the story silently.</i> (Repeat as often as needed.)
	If the student is not working on the task, say Remember to circle the word in each box that makes the most sense in the story. (Repeat as often as needed.)
	If the student asks you to provide a word for them or, in general, for help with the task, say <i>Just do your best.</i> (Repeat as often as needed.)

A Change of Plans	
The afternoon was cooling off as the dinner hour approached. The family was sitting in the	
middle of a beautiful garden at Hot Springs State Park in Wyoming. Shannon, who going into	2
the fifth grade, was to make plans for the next day. Billy, who would be in the third	5
grade, was still thinking about the bison herd they had visited that morning.	6
"They had the coolest beards, Dad," Billy said. "And they were enormous. I didn't	8
expect them to be so huge."	9
"They are certainly very powerful beasts. There's no doubt about it," their father replied.	11
Shannon said she really liked the calves as well, but she wasn't as interested in	13
bison as her brother. She had something else on her mind. She was afraid that if she didn't get	15
everyone thinking about tomorrow, her mom and dad tomorrow thinking about tomorrow, her mom and dad tomorrow tomorrow.	17
do on their last day at the park. Shannon asked her parents what they planned on everyone	20
doing for the rest of their time at the park.	21

After thinking about it for a minute, Dad suggested that a soak in the hot springs' mineral	23
water might be nice. Billy and Shannon gave each other a familiar look. Billy immediately began	25
complaining about that plan. Shannon another approach. She explained that while a soak	27
might be fun for her parents, she and her brother would rather do something more active.	28
To Billy and Shannon's delight, their mom agreed. She said that since they would be	30
spending a lot of time in the car in the next few days, some physical activity would be a good	32
idea. She suggested going to the Dinosaur Museum. There they could see partial dinosaur skeletons	34
that had been found in the park. Even better, a park ranger had told Mom that visitors could	37
actually dig for dinosaur fossils near the museum!	38
Everyone decided that a trip to the museum the perfect plan, especially since the Mesozoic	39
when dinosaurs lived, was one of Billy and Shannon's favorite school subjects. During this	41
time, many thousands of years ago, dinosaurs had been very common in Wyoming. Conditions	43

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around the hot springs were perfect for the dinosaurs' bones to fossilize, or turn into rock-like	45
material. At the museum, workers would show the family where and how to dig for the best	48
results.	48
Shannon thought that sounded way better than soaking in a pool, and Billy	50
convinced of it, too. He figured that if he could find a real dinosaur bone, he would be able to	52
go back to school with the best summer vacation report ever. He didn't want to wait another	55
moment. He was ready to go to the museum right away!	56

Bringing the Mail	
When you think about different careers, do you ever imagine what it would be like to be a mail	
carrier? I didn't, until I met a remarkable man who comes to our house several times a week. His	2
name is Al and he has been our mail carrier for the past ten years.	4
If you think that going from house to house slipping letters into mailboxes sounds like an	6
easy job, let me Al's work. Our family calls him "the Amazing Al." He works under	8
difficult conditions. The houses in our community are a mile or more from one another, and the	10
temperatures are often extreme . We live in a hot, dry, remote desert area of southern Arizona.	12
Al travels an established route from house to house in our community, delivering and	14
collecting mail On a typical workday, he begins at four in the morning at the Yavapai	16
County Post Office, forty miles away. He arranges all the mail in the order in which he'll	18
it. Then he makes sure that he has plenty of stamps and other materials for customers	21
who need them.	21

Because the distances between houses in our area are so great, Al drives his truck on the	23
route. To walk the route would take several days. He usually has a few minutes to stop for a visit	26
at our house. In the hottest months of the year, my mother always a tall glass of cool	28
lemonade waiting for him. My sister and I sometimes give him cookies we have baked. I like to	30
to him about his job. He tells me that he enjoys his work. He likes it even when it means	33
delivering mail on blistering hot days or in the midst of blinding windstorms.	35
In addition to delivering and collecting mail, Al gives out change -of-address cards and	37
other forms, and answers questions about mail service. He also sells stamps and money orders.	39
He even collects money for parcels and certified letters that his customers send.	41
Al participates in a community for elderly or ill persons in our , too. Even	43
if there's no mail to collect or deliver, he knocks on doors to check on these people, to make sure	45
they're all right. If they need anything, Al will notify someone who can help them. Last	48

month, he knocked on the door of our neighbor . When she didn't answer the door, Al went around	50
to the back yard where he found her sitting on the ground. She had fallen off a ladder while	52
clearing debris from the gutters and broken her ankle. Al acted as a support as she hopped indoors.	54
He also made sure that she got the help she needed.	56
When Al is finished with his route, he returns to the post office. He sorts the mail he has	58
gathered and deposits the money he has collected from selling stamps or accepting parcels to mail.	60
Another long workday is over.	61

Why to Save	
Jeremy finished collecting all the money he could find from various corners of his room. He	
sorted out the crumpled bills and stacks of assorted change and counted them. When he calculated	2
his grand total of eight dollars and forty-seven cents, Jeremy sighed. Today he was supposed to	4
go to the with his sister Angelina to open a savings account, but he didn't think he had	6
enough money to make the trip worthwhile.	7
As Jeremy walked into the kitchen, where Angelina and his were having	9
breakfast, he was still frowning.	10
Angelina noticed he looked glum. "What's wrong ?" she asked.	11
"I only have about eight and a half dollars," said Jeremy, " what's the point of putting	13
that in the bank ?"	14
Jeremy's mom put down her coffee on the countertop and said, "Well, you're supposed to	15
your allowance today. "	16

"Yeah," said Jeremy, "but I put that money in the bank, I won't be able to spend it	18
when I need it."	19
"Do you ever have anything left over from your allowance after you've made all your	21
necessary purchases?" asked his mom	22
"Sometimes I have a little," said Jeremy, "but it's never enough to buy anything good	23
with, so I usually just buy a pack of gum or something."	25
"What would you think about saving that money instead?" his mom asked.	26
"Oh ", it's hardly anything," said Jeremy. "It's certainly not worth taking to the bank."	28
Angelina , "You'd be surprised how small change can really add up. For example,	30
even if you only saved a couple of dollars a month, over a year that would be around 25	33
dollars."	33
Jeremy admitted that Angelina had a point , but he wondered why he couldn't just drop	35

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the money in a piggybank.	35
"Well ," said Angelina, "I know I'm extremely likely to spend money I keep in my	37
, often on unimportant things I don't really need. Depositing it in the bank	40
me avoid impulse buys. You may be better at resisting that than I am, but banks are a good	42
option for other reasons, too."	43
"Like what?" asked Jeremy.	43
"Banks are insured, which means your money is protected there," said Angelina.	45
"You don't have to worry about robberies or accidents."	46
His mom said, "Also, you earn interest in a bank, which means your investment increases	48
annually. If you put five dollars in a piggybank and manage to keep from spending it, a year	51
later you'll still have five dollars. If you deposit it in a bank, at the end of the year it will	53
have in value. The longer you keep it in the bank, the you'll have, and you can	55

still make withdrawals in an emergency if you need to."	57
Jeremy was convinced, and agreed to go with Angelina to the bank after finishing	59
breakfast.	59
"It's great that you're starting to save now," said his mom. "Even if you don't have much	61
to invest yet, it's an important habit to get into for the future ."	63

Being a Lifeguard	
In Caroline's opinion, no one was a better lifeguard than her older brother, Max. She thought he	
was a natural for that position, constantly prepared to blast his whistle at behavior or jump	2
in to rescue a swimmer in trouble. Caroline had always looked up to Max, and not	4
because he was older. Caroline looked up to Max because he had always possessed a certain air	6
of authority. He had a way of seeming to be in charge without being a bully.	8
Max had learned lifeguarding skills at the local community center. After passing a final	10
examination, Max became a certified lifeguard. Soon after receiving his certification, he	12
hired to work at the neighborhood public pool. Caroline visited her brother one day while he was on	14
duty and brought him a sandwich that she had made. Max entertained Caroline with a silly	16
about his first day as a lifeguard.	18
After chatting with her brother, Caroline went swimming with a group of her friends. When	20
it was time for Max to finish his shift, Caroline saw her brother the ladder from the	22

stand. He	walked	to the p	ool storag	e room to	hang	up his v	vhistle an	d comple	ete his	schedule	card.
While Max	x was in	the stor		m, a gust o	of wind	suddenl	y slamm		e door	to the roo	m shut.
From the	pool	, Carolii	ne could s	ee the doo	orknob 1	turning, l	I .	door	idn't bı	udge. Afte	r a
minute had	d passed	d	, and Max	still had r	not oper		door	, Carolin	e reali	zed that he	er
brother mi	ight be	stuc	k. No one	else at the	pool	seem	ed to noti	ice. Anoth	her life	eguard was	S
already	percheo	d in the s	tand, twir		vhistle	on a str	ing. The s	swimmer	s and	sunbathe	rs
seemed to	be enjoy	ing them	iselves.								
"I"	think	Max ne	eds some	help," Ca	roline s	aid to he	friend		lamber	ed out of t	he
pool and	went t	to the doc	or of the s	torage ro	om .	"Max, a	re you all	l right?"	she ca	alled .	
"I †	think I go	ot locked	in here	when th	e gust o	of wind s	lammed 1	the door	sh	ut," Max c	ealled
back.											
"I'I	ll get you	ı out," Ca	aroline sa	nid confid	lently. '	'I'll find	the pool	manager	and I'l	l have	

	_
him come and unlock the door."	45
min come and amock the door.	70
Caroline walked rapidly to the pool manager's office. She at the situation to the	47
manager.	47
"Warder March 1924 to manage and Complies and I and I am I be "Then form	40
"You're Max's sister ?" the manager asked. Caroline nodded, and he , "Then from	49
said	
know Here's	
what Max has told me about you, I I can trust you with this. the key."	51
What Hall has told hie doodt you, i	.
managed	
Caroline thanked the manager and hurried back to the storage room. When she to	53
unlock the door, Max seemed very relieved. "It was hot and humid in there"," he told Caroline.	- E
unlock the door, Max seemed very relieved. "It was hot and humid in there"," he told Caroline.	55
say	
The two returned the key to the pool manager. Caroline went to goodbye to her friends	57
and she and Max walked home together. Max thanked his sister for him. Caroline smiled to	59
rescuing	
knowledge	
herself, pleased with the that, on that day, she had a lifeguard's lifeguard.	61
been	
been	

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Books for Children	
Think back to some of the books you read as a small child. Those books may have seemed easy	
to read, but that does not mean they were easy to write. In fact, writing for children can	3
be harder in many ways than writing books for adults.	4
There are a lot of things authors think about when writing a book for the	7
example, authors must think about the age of their audience and determine the skills and interests	9
of children at that age . What if an author wants to write books for infants and toddlers?	11
Children in this age range are not really old enough to understand long stories. So, baby books	13
often have just one brightly colored drawing or photograph on each page. Baby books might	15
nursery rhymes, silly songs, or lullabies. Sometimes Sometimes	17
with different textures they can touch and feel. The main idea is for these books to	20
stimulate the baby's growing mind.	20
many authors choose to write stories for children who are a little older. These authors	23

have to approach the task a bit differently. Books for preschool children are often called	25
picture books. Family members or usually read these books aloud to children. The large	27
pictures on each page auide children through the story, which after the plant of th	29
most cases, a good artist is as important as a good writer in producing picture books.	31
Authors create books known as easy readers for children who are just starting to read on	33
their with these books still have a few illustrations, the format is more like that	35
found in books for older readers. The words might be easier to recognize and the are	38
broken up into short chapters.	38
Transition books bridge the gap between easy readers and chapter books. The stories are	40
and are intended for children to on their own. These books are smaller in size	43
than easy readers, and drawings are limited to one every few pages. Authors of books at this level	45
keep a few things in mind. Their understand the rules of storytelling, but	47

they to lose interest quickly. For this reason, stories in transition books must be lively	50
and full of action. Also, authors end chapters in the middle of important scenes. This tactic	52
encourages young readers to keep turning the pages.	53
After reading transition books, children are ready to move up to chapter books. These are	54
the kinds of books they will read and enjoy for the rest of their lives. And then, someday,	57
they may get to share their favorite children's books with a new generation of young readers.	59

Ping-Pong	
The ping-pong ball bounces once. Then, with a relaxed but controlled swing, a paddle strikes	1
it, sending it soaring back over the net. It bounces again. Another paddle connects with it, and the	3
is shot forward once more. Eventually, the ball will collide with the net, overshoot the	5
table, or miss the paddle. The game being played is table tennis, also called ping-pong, and it	8
is a fun sport for all ages.	9
Ping-pong is played on a table that is longer than it is wide. The table is divided in half by	11
the net , which runs across the table like a fence. Players stand on either end of the	13
table and hit the ball to each other. The ball is small, hollow, and light, and it is hit with	16
rubber paddles with short wooden handles. Casual players may simply tap the ball gently to	18
their opponents . More competitive players slam the ball across with speed and topspin to try to	20
make it hard to hit back.	21
Watching a ping-pong tournament may make you dizzy, as the ball zooms back and forth	23

rapidly across the many times during the game. A game is divided into a series of	25
points , each of which begins with a serve . The serving player tosses the ball in the	28
and then hits it so that it bounces on the near side of the table, continues over the net, and then hits	30
the opponent's side. If the ball does not make it through all these steps, the server's opponent	33
wins the point. The server is trying to hit the ball to make it difficult to return. If the serve	36
successful, then the returning player's paddle must strike the ball before it bounces a second	38
time. The returning ball cannot touch the returner's side of the table, but must sail across the	40
net to hit the server's side. If the return is not successful , the server wins the point. If it is	43
legal return, the server must now return the ball. Play continues until one player makes an error,	45
and the opponent wins the point.	46
Since 2001, official matches of ping-pong have been won by the player to win eleven	48
points. In these natches, players serve twice in a row before switching. Before 2001, matches were	50

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played to twenty-one points In these longer games, the person who switches every
five points. Many recreational players prefer to follow the older rules. In either version, the
winner must win by two points.
Ping-pong requires quick reflexes and good coordination. Since strength does not provide
much of an advantage in ping-pong, it is a game in which players of all ages and
sizes can challenge each other fairly. All over the world, people enjoy ping-pong,
concentrating intently on shooting the ball over the net, onto the table, and, they , out of
reach.

A Moment in the History of Tennis	
Imagine that you are a famous tennis player. How do you think you would prepare for a	1
big match, one that would be watched by people around the Perhaps you would prepare	3
by hitting balls with a partner. Maybe you would balls with a partner. Maybe you would yourself in the match hitting every	5
ball smoothly. If you were Althea Gibson, you would practice on the court every day. Then	8
you would write a speech to give when you accepted the winning trophy, and choose a gown to	10
wear at the winner's ball.	11
Althea Gibson was the first African American to win Wimbledon, a well-known tennis	12
tournament held in England each year. The year that Gibson won, the weather during the match	14
was unusually hot and muggy. As the temperature rose above one hundred degrees, many people	16
in the stands fainted. However, on the tennis court below, Gibson let the heat bother her.	18
She even claimed that it helped her muscles.	19
Gibson also wasn't bothered by the presence of an important visitor in the stands, Queen	21

Elizabeth of England. When the final match was over, Gibson went to the trophy table. Queen	23
Elizabeth on the court wearing a pink and white silk suit, pearls, and gloves. The queen	26
spoke to Gibson and congratulated her, and handed Gibson the trophy. Gibson knew that it	27
an honor to receive the trophy from the queen . Very few winners had received trophies from	29
queens in the past and Gibson was the first player to be honored by Queen Elizabeth.	31
When Gibson arrived at the ball that night, people walking past stopped to cheer for her as	33
she got out of her car. More people cheered as she walked inside and sat at the head table.	36
In her speech, Gibson thanked the who had supported her over the years. She said, "This is	38
the hour I will remember always as the crowning conclusion to a long and wonderful journey."	40
Later, Gibson returned to her home in New York City. When she stepped from the plane	42
onto a red carpet, the crowd of who had come to greet her will wild with excitement.	44
Later, she arrived at her childhood home. Her neighbors came out of their apartments to welcome	46

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her. They felt proud to have known this world-famous athlete when she younger.	48
her. They felt proud to have known this world-famous athlete when she younger.	40
The next day, a parade was in Gibson's honor. People lined the streets of Broadway	50
just to see and cheer for the famous athlete. They watched and color guards from the	52
Army, Air Force, and Coast Guard. Gibson, who rode in an open car, waved and kisses to	54
her fans. "It's amazing," she said over and over. The people lining the sidewalks	56
thought, "What an amazing athlete."	56

Great Salt Lake State Park	
Can you imagine swimming in a lake and floating on the water without any effort? That's exactly	
what happens to many people who visit Great Salt Lake State Park. Great Salt Lake, which is	1
located in Utah, is the largest body of water between the Great Lakes and the Pacific Ocean. The	3
lake is actually an inland saltwater sea, and it is even saltier than an ocean. It is the salt	6
in the water that keeps swimmers afloat .	7
Many different factors contribute to the salinity of the lake. Salt dissolves easily in	9
The land around Great Salt Lake has rocks that contain this mineral. Rain and melting snow	11
the salt to be released from the rocks. The water then carries the salt into streams and rivers, which	13
flow into Great Salt Lake.	13
Salt and other minerals are carried away from lakes by rivers and streams. But	15
when salt goes into Great Salt Lake, it stays because no streams or rivers drain its	18
waters. Of course, water evaporates from the lake, but fresh water does not replace it.	19

The size of Great Salt Lake varies. During dry spells, the lake gets smaller and saltier.	21
When there is a lot of rain, it gets larger and the salt is less concentrated.	23
Great Salt Lake State Park is located about sixteen miles west of the capital, Salt	25
Lake City. Many visitors flock to the park to enjoy water sports. Sailing, motor boating, and	27
kayaking are popular. Sailors enjoy being able to sail for miles across the surface of the large	29
lake, while kayakers exploring the miles of shoreline. People in motorboats may explore the	31
lake to discover sparkling beaches or stop in the middle of the lake for a .	33
People who enjoy these water sports must keep an eye on the weather. Because the	35
water in the lake is shallow, winds sometimes cause the water to become rough. The salty	37
water of the lake also damage the motors of motorboats. This damage can be avoided if	39
people remember to rinse the salt from their boats with fresh water.	41
Other visitors come to hike and enjoy the park's wildlife. Great Salt Lake State Park is	42

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known as a great place for bird watching. In fact, more than two hundred species of birds	44
be seen in the park throughout the year. People also love to watch the purple	47
and gold clouds often appear at sunset.	48
Great Salt Lake has fascinated people for centuries. Some early explorers were convinced that	49
the lake was part of the Pacific Ocean. Others looked for a river that connected the lake to the	51
ocean Some settlers even told stories about a monster with a huge head that lived in the lake!	53
This extraordinary body of water continues to inspire mystery and wonder today.	55

Trace Lake State Park	
Next Saturday, everyone in my scout troop will be meeting at Trace Lake State Park at noon for	
food and fun with our families. I'm really excited because this weekend one of my favorite	1
events of the whole year. There are tons of fun activities at the park like soccer, face painting,	4
hikes, nature walks, and even a fishing contest. Both parents and children can come and enjoy the	6
beautiful park. The lake even has boats to rent for all types of water sports.	8
My favorite about the lake, though, is the fishing . The park also has fishing boats	10
and fishing equipment. There are plenty of launch ramps. I don't need a license to fish	12
because I'm under sixteen years old, but my dad had to et one so he can fish, too.	14
After a long day of fishing and fun, my family spends the night in one of the	16
air-conditioned cabins at the lake. The cabins hold as many as twelve people. We always	19
share a cabin with my friend Zev's family . The cabins have everything you need: towels , linens, and	21
basic cooking supplies, including an outdoor grill. We just relax and make dinner while enjoying	23

the view of the lake from the back porch.	24
The next day, my dad always organizes a group picnic with the other scout families. There	26
more then twenty picnic sites in the state park, but we always go to my favorite	29
spot on the south side of the lake. I think it has the best view. Plus, it has a picnic pavilion with	31
lots of tables and a grill. Using the area requires an advance reservation, which my	34
always makes months ahead of time.	34
great part about Trace Lake State Park is its twenty-five miles of trails. My mom	36
encourages my sister and I to do a lot of hiking . Even though hiking isn't my favorite	38
activity, I don't mind. The trails wander through dense hardwood forests and dank swamps. From	40
my years of scouting, I know the names of most of the wildlife and vegetation common	43
to the area. Because the go into remote areas, I always make sure an adult comes with me	45
and my friends when I hike.	46

An important scouting principle is to remember to be courteous and exercise safety while	48
hiking. It is always better to hike with a group of friends and carry a cell phone and flashlight to	51
use in case of an emergency. When we hike at the park, we always pace ourselves so that we can	53
the hike before it is dark outside. We are also extra careful not to bother the or	56
vegetation. If we take food, we always remember to carry all garbage back to the cabin for	58
appropriate disposal.	58

Coach Jenny	
Some things don't turn out the way you would expect. My first day as a swim is a good	1
example of this. I learned a big lesson that day, which is that I have a lot to learn,	4
especially when it comes to coaching kids.	5
For several years, I swam with teams guided by coaches. The coach I most admired was Jan	7
MacDonald. I admired her for her kindness, her enthusiasm and her wisdom. I especially loved her	9
ability to inspire me to achieve more than I could've ever done on my. I wanted to be	11
like her, which naturally led to my wanting to be a swim coach.	13
Coach Mac said that her job was to create the right conditions for learning and to keep	15
her athletes motivated. As I watched her coach, I began to see all of her various roles. Coach Mac	17
was a teacher, friend, mentor, demonstrator, advisor, supporter, cheerleader, counselor, and	19
organizer.	19
When I became a teenager, Coach Mac let me help her coach children during the summers. I	21

was "Coach Jenny" to the girls and boys. This made me feel proud and humble at the same time.	23
During these practices, Coach Mac would point out to me how important it is to	25
communicate well with swimmers of all ages. "Never talk down to a swimmer, regardless of his or	27
her age," she told me. Coach Mac was an expert at authority without seeming	29
bossy. All the swimmers respected her.	30
One day Coach Mac needed me to lead the kids' workout because she'd caught the	31
flu In a weak voice, she dictated the morning's workout to me over the phone. She told me,	34
before hanging up, that she had absolute confidence in my skills and that I'd a fine job.	36
Well, in spite of Coach Mac's confidence, I didn't do such a great job. One of the boys	38
stubbed his toe and cried so loudly that it frightened some of the other swimmers. Then,	40
when it was time to begin the workout, the swimmers scattered like marbles around the	42
pool deck. I finally had to blow my loudly to get them to pay attention.	45

After that, I asked them to ractice kicking in the water. Several of them protested and	47
refused, something they never did when Coach Mac was leading the workout. And for the	49
insult, just when the kids were actually doing what I asked of them, it began to rain. I had to hustle	51
everyone out of the pool.	52
I was exhausted after this that I had to go home and take a nap. Obviously, it	54
time to become a good swim coach, or even a passable one. I already had a lot of respect	57
for Coach Mac, but after this experience, I have even more.	58

Park Rangers	
The National Park System was founded to make sure that the most beautiful land in the U.S.	
would be preserved for the use of park visitors. The government created parks open to the public on	1
land with mountain ranges, wild rivers, forests, and other natural features. However, this was only	3
the first step in making a system.	4
The park workers built roads and so that people could easily travel through the wild	6
land. They needed to make sure that the animals as well as the vegetation living within the parks	8
were protected. One way to do this by teaching visitors about the land and the creatures that	10
lived there. Park rangers were hired to do this job. Rangers are and men who work in the	12
National Parks, far away from towns and cities. Many live in or near the park where they	14
work to avoid a lengthy commute.	15
Rangers dress in uniforms to help visitors find them. Helping people learn more about the	17
National Parks one of the rangers' primary duties. Rangers also police and protect the parks.	19

They enforce the speed limits on the roads that go through the parks and assign camping	21
spots to visitors who want to stay the night. They even make certain that the visitors know	24
how to control their campfires. If a forest fire does start, park rangers help keep the fire	26
from getting bigger. If a person is sick or injured in the park, rangers perform first.	29
Park rangers love the land where they work. Many of them studied wildlife biology in	30
This helps them teach visitors about the park's plants and animals. Rangers lead nature	32
around many parks. They tell visitors the names of plants, fungi, and animals that they	34
find along the trail.	35
Visitors can learn about the history from park rangers. The rangers often share	37
stories about people who lived there many years ago. Rangers may also be able to show	39
visitors ancient dwellings, tools , or pottery.	40
Many visitors' centers have exhibits that tell people about the natural features that are found	42

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in the park. These centers often show photos of the plants and animals that live there. Most people	44
go to the visitors' center when they first arrive at the park. The rangers are in charge of	46
these centers.	47
Park rangers do their best to help visitors enjoy the land that was preserved for them. They	49
believe that they teach the visitors how delicate the parks are. Their goal is to help	51
people see how the many pieces of the National Parks all fit together. This helps visitors feel	53
a greater sense of responsibility when enjoying these fragile areas.	55

Old Mill State Park	
Over a hundred years ago, the Larson family settled in what is now the state of Minnesota.	
Braving the sometimes harsh weather, they a home and farmed the land. After some	2
time had passed, they realized that they needed a mill where they could grind wheat into flour. They	4
built a flour near a river. The flowing water provided power for the mill. Later, a flood	7
destroyed the Larsons' flour mill, and they were forced to build another one. This mill was	9
powered by the wind. Even later , the family built a mill powered by steam .	11
Today, visitors to Old Mill State Park can see the steam-powered mill that the Larson	12
family used so many years ago. In fact, staff members at the park fire up the steam engine	15
once a year so people can watch the mill in operation. This feature attracts many people,	17
especially those who are interested in how people lived long ago. These visitors usually want	19
to see the nearby log cabin as well.	20
People who love nature also enjoy visiting Old Mill State Park. Many try to arrange	22

their travels to be at the park between Memorial Day and Labor Day. This is when	24
special programs on topics about nature are offered. They learn about the trees and plants that	26
grow in the park as well as how to protect the environment. These visitors keep a lookout for	28
animals. They know that they may see large animals, such as moose and deer, and smaller	31
species, such as beavers, raccoons, and jackrabbits. During the spring and summer, these visitors	33
enjoy the splash of color that the wildflowers provide along the hiking trails.	34
Old Mill State Park popular with people who love bird-watching, too. Over one	36
hundred species of hundred species of live in the park. Birders especially enjoy seeing red-tailed hawks,	38
owls, and eagles. During the spring and fall, they see migrating species, such as warblers	40
and finches	41
Old Mill State Park is also a place where people bring their families for fun. Children	42
splash in the cool water of the lake and tramp across the swinging bridge. Meanwhile , their	45

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parents fix delicious picnic lunches in the shade of the tall trees. In the summer months, they hike	4
on mountain trails and paddle canoes in the lake. In the months, they ski on the many	4
-country trails that the park offers.	5
Many of the visitors to Old Mill State Park come to the park just to relax. These visitors	5
often stop by the Middle River. They may decide to take a hike along the river, or a dip in	5
the nearby swimming area. However, they may be content to just sit nearby and listen to the	5
calming sound of the water rushing over the spillway.	5

Faster Than Sound	
Have you ever heard a loud "boom" sound as an airplane flies overhead? What you heard was	
the sound of the plane breaking the sound barrier. A sonic boom is an explosive sound made when	2
an airplane travels faster than the speed of sound. How does this work and what does a pilot	5
named Chuck Yeager have to do with the sound barrier?	6
First, let's return to the airplane in the sky. As the plane moves through the air, it pushes	8
air molecules out of the way. This microscopic process creates waves, which consist of	10
compressed and uncompressed air. They spread out from the plane in all directions. This	12
process is similar to the ripples that you make when you toss a pebble in a pond.	15
Imagine the airplane getting faster and faster, until it surpasses the speed of sound. At	17
this point, the air pressure waves build up in front of the plane and compress, or squeeze together, to	19
form shock waves . The process is easier to understand if	21
at the front of a fast-moving boat.	22

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The shock waves move away from the plane, toward the ground. You hear the boom	24
because of a change in pressure when the shock wave reaches your eardrums. The larger the aircraft	26
, the louder and stronger the shock waves are.	28
What does Chuck Yeager have to with this? Chuck was the first person to fly faster	30
than the speed of sound . He was trained as a fighter pilot and later became a test pilot. He	32
selected for the flight because of his superb flying skills, his calmness under pressure, and	34
his ability to recognize and handle aircraft problems during flight.	36
The plane in which he broke the sound was designed for maximum speed and had a	37
rocket engine. Because of its limited fuel, it was carried to a flying altitude in the of	40
another aircraft and dropped into the sky.	41
Years later Chuck trained U.S. military astronaut candidates. He remained the top test	42
for the military for many years, flying more than three hundred new types	44

of aircraft . He had some close calls, including losing control of one airplane that spun, tumbled ,	47
and flipped for fifty seconds before Chuck and it safely. On another flight, he bailed out of a	49
plane and was injured when the plane exploded.	50
Chuck is one of the most decorated pilots of all time. He has received the two highest	53
honors that can be given to any person in the United States: the Congressional Medal of Honor and	54
the Presidential Medal of Freedom. Fifty years after he made his historic flight, Chuck made	56
his last flight as a consulting test pilot. He flew an F-15 fighter, and, yes, he broke the	58
sound barrier .	59

John Hancock	
Have you ever practiced signing your name in different ways? Some people say that when you	
write your name, you are signing your John Hancock. The John Hancock lived many years ago	2
during the colonial period and he was the first person to sign the United States Declaration of	4
Independence. This was the document that declared the independence of the thirteen American	6
colonies from Britain's rule. Today, people know of John Hancock because of this signature, but he	8
was also very important in the early years of the United States.	9
When John Hancock was a boy, his mother sent him to live with his wealthy uncle in	11
Boston. John's sent him to college and taught him to be a merchant. When John was	13
old enough to work, he became a clerk for his uncle . He soon inherited his uncle's business and	15
later went into politics.	16
The Declaration of Independence was the colonists' way of telling the King of England that	17
they ready to rule themselves. The colonists not feel that the King's rules were	20

fair. For example, the Stamp Act and the Sugar Act placed high taxes on basic supplies that people	22
used every day. The Stamp Act made people a fee for all public and legal documents. The	24
Sugar Act made people pay an extra fee for sugar. The colonists had not voted for these	26
taxes. They had not elected the leaders who did. Because they had to live with these rules, they	28
believed that the British did not consider their needs.	29
The leaders of the met at the Second Continental Congress and decided to break	31
away from England's rule. Their meeting away from England's rule. Their meeting lasted	32
Independence had been written. While the meeting was going on, the battles in the	34
American Revolution began. Hancock's name stands out on the Declaration of Independence	35
because he wrote big, bold letters. Some people joke that he did this because he wanted the King of	37
England to be able to read it from across the sea without his reading glasses.	39
Today, John Hancock is known as a man who played an important role in the	41

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founding of his nation. As president of the Second Continental Congress, he appointed George	43
Washington to be the commander in chief of the colonial army. Several years he became	45
governor of Massachusetts. He led his state in its support of the United States Constitution. He	46
later worked to establish a navy for the new nation.	48
You might not be surprised if you saw the large letters that John Hancock used	50
when he signed the Declaration of Independence. They reflect the boldness of a man who was	52
a valuable leader for his nation.	52

Using a Special Gift	
Born in American Fork, Utah, was a girl with a special gift. Even when she was young, people	
noticed that this redheaded child was very special. She could express her ideas well, and people	3
listened when she spoke. It was no surprise to many people in her hometown when Reva Beck	5
Bosone became the first woman ever elected as a judge in the state. By the time she had	7
become the first woman from Utah elected to Congress, most people around the state had	9
heard about her skills as a speaker. In fact, many of them went to great lengths just to hear	11
her speeches.	12
When Reva was young, she thought about becoming an actor. She thought that a career in	14
theater would be a way that she could use her special talent. However, after giving this idea	16
some thought, she decided to become a teacher instead. After she finished college , she taught high	18
school for several years before starting law school.	19
As a lawyer , Reva devoted her life to helping people . In fact, she once said, "If	21

you want to serve the people, go where the laws are made." She began her co	areer in 2
law when she opened a law office with her husband . A year later, she won a highly	publicized 2
case and decided to run for a seat in the state legislature. At that time, she was the m	other of a 2
young child. Because she wanted to meet people in person, she walked through neighbor	orhoods 3
knocking on doors. She had to carry her daughter with her. Many people who welcomed	l her 3
hearing about the changes she hoped to bring about for Utah. They also enjoyed	oyed 3
and playing with her daughter. meeting	3
Reva won the election and served for four years. In this position, and late	r when she 3
became a judge, she had to learn to fight for her views. She supported efforts to	sh 4
programs that would help people in need . She also worked to help women win mor	e public 4
offices. Many people were against her ideas . Some of these opponents believed that, because	eause 4
she was a woman, she would back down under pressure. However, instead of in	to her foes, 4

she insisted that her views be considered. This fighting spirit helped her win her seat in the United	48
States House of Representatives.	48
Reva elected to Congress and she served two terms. During her time there, she	50
the first woman to serve on the Interior Committee. Her skillful ability to express her ideas	52
continued to help her make a difference in people's lives. When her term in Congress ended,	54
she went to work for the U.S. Postal Service, where she again made history by becoming the	56
highest- ranking woman in her department.	57

Cy Young	
A lot has changed since the first baseball game between rival teams was played. That first game	
took place almost two hundred years ago! At a baseball in New Jersey, two New York	2
City teams faced one another. The New York Nine defeated the New York Knicks by the	3
one-sided score of twenty-three to one. That game might not have been much of a	5
contest. Over the next fifty years, this new sport grew into the game many people think of as	8
America's pastime.	8
There many important firsts in baseball history. Here are some important ones. In	10
the mid eighteen hundreds, it was first decided that all baseball games were to last nine	12
nnings. Prior to this rule, the first team to reach twenty-one runs was the winner. Imagine how	15
long those games must have been! Years later, umpires were first instructed to call pitches sailing	17
out of the strike zone as "balls." Nine years after that, a batter hit the first bunt. This new type of	20
hit gave both pitchers and infielders something else to watch for. Then, in 1867, a baseball player	22

shocked the baseball world by the first recorded curveball. Now the had something	24
new to anticipate.	24
Baseball's superstar was Cy Young, a pitcher and winner of the first World Series. The	26
Ohio native won five hundred and eleven games as a professional baseball player. That's more	28
than any pitcher in history, by almost one hundred games! Years later he was the first modern	31
pitcher to pitch a perfect game, something only fourteen pitchers have done since. Once he went	33
twenty-four innings without giving up a hit. No other pitcher in the history of the game has	35
come close to this mark.	36
Cy Young set the standard for Major League pitchers, and now the greatest pitching honor	37
his name. The Cy Young Award is an award that goes to the best pitcher every year.	40
This award is different from the Most Valuable Player, or MVP, award is given to	41
baseball's most valuable player overall.	42

	7
People have always disagreed about which player is most valuable. Baseball, like many	44
other sports, has sides, offense and defense. The offense scores points. The defense	46
side tries to prevent the offense from scoring points. So which players are more important? Is it the	48
players who score the points or the players who keep the other teams from scoring?	50
Baseball like seeing home runs and stolen bases. As a result, the MVP award	52
was most often given to players who were great hitters. After a while, though, the	54
-makers decided that pitchers were being unfairly overlooked in the voting. They created an	56
that would go only to the best pitcher every year. It is fitting that the award was	59
named for Cy Young, the best pitcher in baseball history.	60

The Secrets of a Lion's Roar	
In the darkness, a lion sniffs the night air. It purses its lips, thrusts out chin, and roars. The	1
deafening noise an be heard by humans from up to five miles away. The sound probably sends	3
shivers up their spines! However, the lion is not roaring for them. Who is the lion	6
roaring to, and what is its message? Researchers are working to unlock the of the lion's roar.	8
Lions live in prides, or groups, that usually consist of three to ten adult females, their	10
offspring, and two or three adult males. However, the pride members do not always stay near	12
each other. They often scatter throughout their home territory, which can stretch for several	14
miles . The lions may split up into smaller groups for days or weeks at a time, and some may even	17
spend periods in solitude.	18
The roaring lion is most likely just checking in with its pride members, as though	20
it were saying, "Here I am, everything is okay!" In addition, the roar as a warning to lions	22
from neighboring prides. Each pride keeps to its own territory, so the lions roar to tell	25

strangers to keep their distance.	25
Pride members roar to one another at night when the air is still. For female ,	28
hearing the roar of one of their male pride mates assures them that all is well. In contrast, the	30
roar of a male stranger causes them either to snarl in response or to gather up their cubs and	32
away. Upon hearing the roar of a female stranger, females often confidently prepare to	34
chase the stranger off.	35
Using recordings of the roars of female lions, researchers have discovered that	37
lions can tell how many strangers are roaring and whether they outnumber them. When a single	39
female heard the recording of a single female stranger, she almost never approached the speaker.	41
She did not want to face the stranger alone. When a pair of females heard the same recording,	43
they approached the speaker about half the time. When a group of three females heard it, they	45
the speaker nearly every time. They were confident that the three of	47

them chase away the lone lion. When a pair of females heard a recording of a pair of	49
female strangers, they reacted the same way the single lion did to the single roar. The were	52
judging whether they outnumbered the roaring strangers.	53
Through this experiment and others similar to it, researchers have proven that lions can	55
determine whether a roar comes from a male or female and whether the roaring lion is a friend	57
or a stranger. They can also determine whether they outnumber a group of roaring lions.	59
However, researchers still much to learn about these fierce and fascinating felines.	61

John Grisham More than twenty years ago, John Grisham decided that he would like to write a novel. He experiences wanted to base it on his as a lawyer in the southern United States. before he 2 However resolve write could begin writing, he had to an important dilemma. How could he a book and also 4 his family? He finally decided that he write for two hours each continue working to 6 would support work years morning, before his in the courtroom started. After three Grisham finally finished his 8 first book. 8 When Grisham decided to publish the book, he faced a problem. No one seemed to 10 again turned want to publish a book written by an writer. In fact, twenty-nine publishers 13 unknown him down before he finally found one that would accept his story. This was a small 15 publisher large company without a sales force. Because Grisham wanted people to his book, he went 17 read himself book to bookstores and asked the owners to buy his Many owners turned him away, 19 one were very helpful. Today, Grisham is of the most well-known authors in but 21 others

the nation , and he still remembers these people. Whenever he publishes a new book, he has	24
book signings at their stores.	24
Grisham began work on a second novel the after he finished his first book. His	26
book, "The Firm," brought him better luck. It became the bestselling novel of the year. It	28
even made into a movie. The money he made from the sale of his book allowed him to	31
quit his law and become a full-time writer. Since then, he has written one book a	33
year and has been called the bestselling writer of the nineties.	35
When Grisham was a boy, his mother believed that children should their time	37
playing and reading rather than watching television. As a result, the family did not own a	39
television, and Grisham learned to love reading. One of his high school English teachers also	41
encouraged this interest . In her classes, Grisham learned about literature and especially enjoyed	43
reading the works of American writers.	44

Even though he loved to	read as a child , Grisham didn't dream of becoming a writer	
hen he grew up. Instead, he	of becoming a baseball player. When he was in h	is
venties, he realized he didn't	have the talent to play baseball as a professional . Yet it was	sn't
ntil he had completed law scl	ool that he decided to try his hand at writing. Today, when	L
risham speaks to young peop	le, he advises them not to decide on a career too early .	
When Grisham is not wri	ting novels, he likes to help other people. He has with	th a
nurch group to help people i	South America. He also does work for the Little League. In	t ,
ome Little League players have	their games on the six baseball fields that Grisham built	on
s property.		

Step by Step	
Curious, Ari examined the device, which resembled a stopwatch. His teacher, Ms. Jefferson, had	
just distributed them to the whole class and called them "pedometers." Ari had heard of them	2
before, but never seen one. He knew it must be related to Fitness Month. They had been	5
talking about the importance of getting exercise. Ari looked up to see Ms. Jefferson enough	6
writing something on the whiteboard. It said, "Walk to California."	7
"We're going to start a class project in connection with Fitness Month," Ms. Jefferson	9
said. "For the rest of the year, your assignment is to wear these pedometers wherever you go.	11
They'll count how many steps you take, and convert that into distance traveled. Every	13
day, we'll calculate how far we traveled as a class, and each week we'll mark that distance on the	16
map. The goal is to see how long it takes us, working as a group, to get from here in	18
Connecticut to California."	18
Ari was interested. He wondered how far he walked in a day. He doubted it was	21

far. He thought, "I bet all together we don't walk more than a few miles a day. How could we	23
possibly get all the way to California by the end of the year?"	25
Ms. Jefferson showed them to attach and work their pedometers. Then	27
were divided into groups, each with a yardstick , and sent outside to measure their stride length, or	29
how far they went in a single step. Ari's group decided to have person walk a distance of fifty	31
feet and count how many steps it took. Then Ms. Jefferson showed them how to enter their	34
stride lengths into the pedometer. Now it would be able to tell them how far they traveled.	36
In the following days, Ari and his classmates reported every morning how far they had	38
walked since the previous day. Ari was amazed at how far they walked. He had found that he	40
averaged over a mile a day just by himself, and that with a little effort he could walk over two.	43
Together, the class was walking over fifty miles every day. Ari marveled to see the line on the	45
inch slowly toward California. As the students started getting used to walking more,	47

the daily totals began to increase. Ari was going for walks with his dad around the block	50
every evening, and he often went for long walks in the afternoon as well. He felt great.	52
Finally, about a month and a half after the great walk had begun, Ms. Jefferson a	54
dot just over the border into California. Their journey was complete. Ari and his classmates all	56
celebrated what they had achieved, beginning with just a few steps.	57

The Electrician	
It was sharing time at school. During sharing time, the teacher would a question on the	1
chalkboard, and the class would then talk about possible answers. The question for the day was,	3
"Who are the people in our community that we depend on most for support?"	5
Ms. Martinez turned to her class of fourth-grade students and said, "Think	7
who does a job that you cannot do yourself. Then explain what that person does and the	9
importance of his or her work. Who will volunteer to answer first?"	10
Maria had her hand up in a flash. "My stepdad is the master electrician for our dad	12
district," she said. "He takes care of problems with electricity in all our schools and in the	14
district offices. We couldn't get by without the help we get from electricians like him."	16
Then Maria explained how electricians help others. "They and repair electrical	18
wires so electricity make things work in our schools and homes. Of course, we need electricity	20
for lights, but we need it for appliances and other things, too. We need it for the ovens in the	23

lunch room, and the in the office use electricity to ring the bells and to speak over the	25
public address system. At home, electricity lets us talk on the phone, use the washing	27
machine, and listen to music on the stereo. Working with electricity can be dangerous, so	30
electricians must have a lot of special training."	31
Ms. Martinez encouraged others to join the discussion. Everyone shared ways electricians	32
had helped them at home or at school. One student recalled a problem that arose when the	35
school got new computers. Everyone was excited about using them, but there weren't enough	37
outlets to plug in all the computers . Electricians ran new wires into the computer room. They	39
installed an outlet for each computer. Soon students were busy making good use of all the	41
new computers.	41
Another student recalled a time when the air conditioner at his home quit working.	43
An electrician found that there was not enough power for the air conditioner to work power.	46

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She installed new wiring and a bigger circuit breaker, and then she double- all her work.	48
Electricians have to be very careful. If there is even small mistake, the wires might get	50
hot and start a fire.	5
As sharing time came to an end, the whole class agreed that a community needs the	53
help of electricians. These workers make sure that people have safe and effective ways of	55
electricity. Maria felt proud of her step -dad, and was glad Ms. Martinez had brought up	58
the topic. "Teachers are pretty important, too," she thought.	59