# Dynamic Indicators of Basic Early Literacy Skills Á6<sup>th</sup> Edition

# DIBELSÁ

# Sixth Grade Scoring Booklet DIBELS Benchmark Assessment

Edited By: Roland H. Good III Ruth A. Kaminski *University of Oregon* 

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Available: http://dibels.uoregon.edu/

Instructions:

This packet includes 2 parts: the student response form and student stimulus materials. The student response forms are photocopied back to back and saddle stapled. The same form is used by each student for each benchmark assessment throughout the year. The second part is the reusable student stimulus materials. Make one copy for each person who is doing the benchmark testing. They can be laminated and comb bound for reuse.

Good, R. H., & Kaminski, R. A. (Eds.). (2007). *Dynamic Indicators of Basic Early Literacy Skills* (6th ed.). Eugene, OR: Institute for the Development of Educational Achievement. Available: http://dibels.uoregon.edu/

### **DIBELS Oral Reading Fluency**

Make sure you have reviewed the long form of the directions in the DIBELS Administration and Scoring Guide and have them available. Say these specific directions to the student:

Please read this (point) out loud. If you get stuck, I will tell you the word so you can keep reading. When I say "Stop," I may ask you to tell me about what you read, so do your best reading. Start here (point to the first word of the passage). Begin. Start your stop watch when the student says the first word of the passage.

At the end of **1 minute**, place a bracket (]) after the last word provided by the student, stop and reset the stopwatch, and say, "Stop." (remove the passage)

If the student reads more than 10 words correct, proceed with the retell part. Say,

Please tell me all about what you just read. Try to tell me everything you can. Begin. Start your stopwatch after you say "Begin."

The first time the student does not say anything or gets off track for 3 seconds, say "Try to tell me everything you can." This prompt can be used only once.

If the student does not say anything or gets off track for 5 seconds circle the total number of words in the student's retell and say, "Stop."

At the end of **1 minute**, circle the total number of words in the student's retell and say, "Stop."

Discontinue rule- No words read correctly in the first row.

Hesitation rule- 3 seconds- Tell the student the next word. If necessary, indicate for student to continue with the next word.

Do not give passage #2 and #3 and do not administer retell if student reads fewer than 10 words correctly.

enter on **Teaching & Learning** 

## **DIBELS 6th Edition**

Teacher:

Name:

School:

District: \_\_\_\_\_

	Benchn Beginn	nark 1 ing/Fall	Benchr Middle	mark 2 e/Winter	Benchmark 3 End/Spring			
Date								
DIBELS Oral Reading Fluency*	Correct (median)	Errors (median)	Correct (median)	Errors (median)	Correct (median)	Errors (median)		
Retell Fluency* (Optional)	,				(Median score)			

\* Median scores do not necessarily come from the same passage

### Sixth Grade Scoring Booklet **Benchmark Assessment**

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#### T.1 العدلمانية المعالم المعالم

#### The Grand Canyon

592	growing crops, making pottery, and weaving baskets.
528	gueblos on both rims of the canyon, hunting and fishing,
548	canyon, more than eight hundred years ago. They lived in rock
LEZ	Native Americans were the first to live and work in the
526	braving waters that had never been mapped.
612	He and ten other men traveled down the river in four small boats,
907	Wesley Powell led the first successful trip through the canyon.
961	rolling rapids. Almost two hundred years ago, American John
<i>L</i> 81	raft trips over smooth water or weeklong trips that include
LLI	mule, or by raft on the Colorado River. Visitors can take daylong
591	The only ways to reach the inner canyon are by foot, on
123	but is open only six months of the year.
144	visitors. The North Rim is cooler and quieter than the South Rim
135	popular hiking trail. The South Rim is open year round to
121	are hotels and many trails to explore. Bright Angel Trail is a
601	Most tourists visit the South Rim of the canyon, where there
86	are the result of traces of different minerals.
06	back millions of years. The reds, pinks, and yellows in the rock
8 <i>L</i>	Canyon is walled by colorful strata, or layers, of rock dating
<i>L</i> 9	Among the world's great tourist attractions, the Grand
69	northwestern Arizona.
LS	gorge carved over millions of years by the Colorado River in
94	Grand Canyon, you're right. The Grand Canyon is an enormous
98	more than ten miles wide at some points. If you guessed the
54	more than a mile deep and almost three hundred miles long, and
15	What is one of the world's biggest holes in the ground? It's

ark (Continued	Vational P	sbnslal	nigriV
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The park staff, the Virgin Islands government, and others are 2	
.ey; 5	JB
ach year? How many boats should be allowed to anchor in the 2	ęə
any people should be allowed to swim in and around the reefs 2	u

isited the park wants this paradise to last for as long as possible.	ίV
rotecting the park's fragile natural features. Everyone who has 3	ıd
isitors to enjoy the park, but they are also committed to 3	ļΛ
orking to answer these and similar questions. They want	M

= mords correct:	- errors:	Total words:
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17 84	0∠ ∠⊅	69 97	89 57	∠9 ††	99 57	92 77	79 17	63 70	79 62	19 8E	09 LE	65 9E	28 52	22 74	95 88	22 72	24 11	23 08	25 57	21 78	20 21	17 46 59 1
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Retell Total:\_\_\_

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#### Benchmark 3.3 DIBELS Oral Reading Fluency

#### Virgin Islands National Park

Another name for Virgin Islands National Park might be	9
paradise. The park, which covers much of St. John Island and	20
most of Hassel Island, consists of fifteen thousand acres of clear	31
water, white sand beaches, fragile coral reefs, tropical forests,	40
hundreds of species of plants, and the remnants of earlier	50
cultures.	51

The coral reef colonies here support many types of fish. They62are also home to worms, sponges, urchins, mollusks, and71lobsters. These are fragile communities that depend on just the81right combination of conditions such as proper temperatures,89enough sunlight and oxygen, and the right foods.97

The park features several different land areas. These areas106were created by differences in rainfall amounts, soil types, and116varying effects of salt and wind. Along the north shoreline and127the higher interior elevations are wet forests that receive a lot of139rain each year. These areas support tall trees and lush forests.150

Dry forests cover the eastern and southern parts of St. John, 161 as well as some of the low coastal areas. Mangrove forests are 173 also found in the park. Mangrove trees have adapted to 183 conditions on the shorelines. Red mangroves even grow in the 193 ocean, and their roots protect the shorelines and shelter marine 203 animals. 204

Protection of the reefs and forests of this park present a215challenge for the park service. More than one million people225visit the park each year. People have a right to visit the park. But239how many visitors should be in the park at any given time? How252

#### The Grand Canyon (Continued)

Wildlife is abundant in the canyon. Hundreds of kinds of275birds live there, as well as bighorn sheep, mule deer, beavers,286bats, snakes, lizards, and frogs. There are also many types of297trees, cacti, and wildflowers.301

You can see that the Grand Canyon is much more than just a 314 big hole in the ground. It is an amazing site, alive with stories of 328 the past and present that are written on the rock, on the land, and 342 on the river. 345

Total words: \_\_\_\_\_ – errors: \_\_\_\_\_ = words correct: \_\_\_\_\_

Retell:

ORF Total:

Retell Total:\_\_

Notes:

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Retell: ORF Total:	
Total words: errors: = words correct:	
planet.	155
making a mountain healthier is good for the health of the whole	330
already taking steps in some mountain areas. They know that	318
time, as in climbing a mountain. Scientists and other groups are	30E
need to address the problems as separate issues, one step at a	L67
war, but for another, it may be unsound farming. People will	582
one country, a threat to a mountain range may be the pressures of	5 <i>L</i> 7
mountains themselves. But each mountain system is unique. For	197
Taken as a whole, the problem seems as large as the	727
the world.	541
heat. The warmer land and water can speed up warming around	552

Mountains in Danger (Continued)

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Retell Total:\_

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#### Benchmark 1.2 DIBELS Oral Reading Fluency

#### Fossil Butte National Monument

697	You can explore the park on your own or with a ranger.
<i>L</i> \$7	also see elk, moose, and beaver.
122	deer and a variety of birds in the park. If you're lucky, you might
L£2	because it is so far above sea level. You're likely to see mule
524	hiking. It is easy to get out of breath as you hike, though,
112	cool nights and cold winters. It usually has perfect weather for
500	Fossil Butte is a high desert, with hot, sunny summers and
681	has yet solved this mystery.
184	tell that a great number of fish were killed suddenly, but no one
ILI	substance in the water that protected them. Scientists can also
191	sank to the bottom of the lake were quickly covered with a
146	preserved as fossils. One theory is that plants and animals that
138	Scientists aren't sure why so much of the lake's life was
17 <i>1</i>	crocodiles, turtles, insects, and horses the size of dogs.
811	surrounding area were alive with gars, stingrays, herring, perch,
601	long and twenty miles wide at its maximum. The lake and its
<i>L</i> 6	Fossil Lake, now a dry bed, was once more than fifty miles
58	effects of climate change in the area.
8 <i>L</i>	and animals. Scientists can also use the fossils to study the
<i>L</i> 9	scientists can use them to study relationships among the plants
LS	covered the area long ago. The fossils are so well preserved that
545	variety of fossil remains of plants and animals from a lake that
33	established to preserve the rock formations that contain a wide
53	you may meet a fish that is fifty million years old. The park was
6	If you visit Fossil Butte National Monument in Wyoming,

There are two groomed hiking trails in the park. A research

#### Benchmark 3.2 DIBELS Oral Reading Fluency

#### Mountains in Danger

People often go to mountains for relief from the pressures of	11
modern life. The altitude, fresh air, and scenery can revive	21
sagging spirits. But where do mountains go for relief from	31
pressures of their own?	35
Many of the world's mountain regions are suffering from	44
damage caused by modern life. They have been affected by	54
climate changes, tourism, pollution, development, and other	61
forces. Unless these forces are controlled, major problems will	70
result. For example, erosion caused by unwise farming practices	79
can lead to landslides, avalanches, and flooding.	86
Mountains and highlands cover a quarter of the earth's land	96
surface. These areas are home to ten percent of the world's	107
people. They provide a source of water for more than half of all	120
people. These ecosystems are as important to the planet as are its	132
oceans and rain forests.	136
Mining, logging, and overgrazing of farmlands have	143
destroyed forests in mountain and highland areas. To some	152
researchers, however, tourism is one of the main threats. The	162
number of visitors to mountain areas is growing. More tourism	172
means more development and more vehicle traffic. Increased	180
development destroys wildlife habitats and taxes natural	187
resources.	188
Along with these problems are threats posed by climate	197
warming trends. Glaciers and snowcaps are melting at an	206
alarming pace, which can lead to even more warming. When the	217

ice melts, the newly exposed land and water surfaces retain more 228

Fossil Butte National Monument (Continued)quarry, located on one of the trails, is open to the public. Here293visitors can help the park staff excavate fossils. And here is304where you might meet your fish, its skeleton, teeth, scales, and315skin perfectly preserved and ready to tell you an ancient story.326

Total words: \_\_\_\_\_ – errors: \_\_\_\_\_ = words correct: \_\_\_\_\_

Retell:

ORF Total:\_\_\_\_\_

1	2	3	4	56	57	8	9 10	) 11	1 12	2 1	3 1	4 1	5 1	16	17	18	19	20	21	22	23	24	25
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49	)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
72	2 ′	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94

Retell Total:

#### Notes:

# DIBELS Oral Reading Fluency

#### Training for Tennis

544	your favorite sport. The theory behind cross training is that
534	Cross training has to do with engaging in a sport other than
555	turning around before you catch the ball.
515	underarm for this exercise. If this seems too easy, try clapping or
503	tennis ball at the same time. You have to aim carefully and throw
061	is to stand a few feet away from a partner and throw each other a
SLI	reaction time for tennis. An example of a good practice exercise
191	${f P}$ ractice exercises will help you improve your speed and
551	seconds, relax, and then repeat the stretch three more times.
142	close to your toes as possible. Hold this stretch for about twenty
133	backs of your knees on the ground, reach for your toes or as
150	your legs straight out in front of you. While trying to keep the
<i>L</i> 01	example of a good stretching exercise is to sit on the ground with
76	body, which helps you avoid injuries during a tennis game. One
83	Stretching to warm up helps loosen the muscles of your
٤L	practice exercises, and cross training.
89	important are warming up before and after playing, doing
65	the good manners of tennis. Three other things that are just as
Lħ	to serve and return the ball, and, of course, tennis etiquette, or
55	probably know the basics by now, such as the rules of play, ways
55	you've discovered the game of tennis and enjoy playing, you
15	Tennis is one of the most popular sports in the world. If

leg muscles for moving quickly around the tennis court.

basketball can improve your coordination and strengthen your

For example, if you're a tennis player, playing soccer or

participation in other sports helps tune your body for your main

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After the awards ceremony, as Jay admired the prize, Lamont 266 said, "I want you to have the new bike. I don't want to part with 281 my old bike, which has seen me through three victories." Jay 303 blinked in disbelief. "I mean it," Lamont said. "It's yours." Jay 303 slowly placed the helmet on his head and got on the bike. He 316 must have thanked Lamont twenty times during the boys' ride 326 back to their neighborhood. 320

Total words: \_\_\_\_\_\_\_errors: \_\_\_\_\_\_ = words correct: \_\_\_\_\_

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#### Benchmark 3.1 DIBELS Oral Reading Fluency

#### Winner of the Race

On the day of the race, Lamont awoke early and checked all	12
the equipment on his bicycle one final time. He had owned	23
several bikes over the years, but this one, a red and silver road	36
bike, was his favorite because he'd won the past two Town River	48
races on it. The bicycle race was an annual event for teenagers,	60
and this year the prize would be a new bicycle and helmet.	72

Lamont's neighbor and friend, Jay, walked with Lamont to the 82 race site. The two had ridden bicycles together for the past three 94 years, until six months ago, when Jay's bike had been stolen 105 from his garage. 108

At the site, Jay wished Lamont good luck after the announcer 119 called the race entrants to the starting line. When the fifty or so 132 participants assembled behind the line, the mayor stepped up to 142 the microphone to welcome the contestants and observers. Then 151 he blew a whistle and the cyclists charged across the starting 162 line. 163

Lamont hung back to let the first wave of riders sort174themselves out. Then he began his progress toward the front of185the pack, pacing himself and holding back a little to conserve196energy for the final push.201

Lamont passed one cyclist after another, moving cunningly 209 and steadily to the front, concentrating intently. Soon he passed 219 the lead cyclist and then, to ensure his lead, he churned his legs 232 harder to put distance between himself and the rider in second 243 place. When Lamont rolled across the finish line, the crowd 253 whooped and cheered. 256

#### Training for Tennis (Continued)

Swimming and jogging can increase your endurance so that you293don't tire out too quickly in a tennis match.302

Another benefit of cross training is that it puts some variety313in your sports life. If you focus all of your attention on tennis,326you risk tiring of the sport too quickly. Variety in training will338help you maintain your excitement about tennis or any other348sport.349

Total words: \_\_\_\_\_ – errors: \_\_\_\_\_ = words correct: \_\_\_\_\_

Retell:

#### ORF Total:\_\_\_

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#### Notes:

#### Louise Erdrich (Continued)

351 Louise receives far more than a nickel for every story she writes. 60£ have won numerous awards and prizes. Now a famous writer, stories" about Native Americans. Her books of fiction and poetry 667 687 American themes, and she has been praised for telling "real

Total words: - errors: - evrors: Total words correct:

ORF Total:

Retell:

12 02 69 89 29 99 99 97 91 90 91 90 93 94 92 95 95 75 25 25 15 05 67 76 27 28 29 30 31 32 33 34 32 39 37 38 39 40 41 42 43 44 45 46 47 48 1 7 3 7 8 9 10 11 17 13 17 18 19 10 11 57 53 57 58

Retell Total:

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#### DIBELS Oral Reading Fluency Benchmark 2.1

#### Over the Rainbow

552	woman named Mrs. Dale appeared at the door.
<i>L</i> 77	of blocks to a small white house where Carlos rang the bell and a
513	card, and saw a name he recognized. The three walked a couple
102	he'd found a wallet. Carlos unfolded the wallet, pulled out a
06I	and when Carlos and Maria caught up with Aldo, they saw that
8 <i>L</i> I	Carlos saw Aldo stop and squat down to pick up a black object,
S91	shouted assuredly as he strode ahead of the others. After a while,
123	oblA ", shid wan a vud ot gniog m'I ,blog bnît aw nahW"
141	take them on a walk to investigate the rainbow's end.
131	sure. After much persuading from the children, Carlos agreed to
121	rainbow were true, to which Carlos responded that he wasn't so
011	Carlos whether the stories about finding gold at the end of a
86	emerge from the clouds, suddenly spied a rainbow. He asked
88	At last the rain stopped and Aldo, who was watching the sun
9 <i>L</i>	was bored.
τL	except when it came to sharing a cookie, chimed in that she too
19	that he was bored, and his sister, who usually agreed with Aldo
67	As he watched the rain soak the front yard, Aldo announced
88	whale that become friends.
34	games, eaten a snack, and read a story about a mouse and a
12	lived next door, Maria and Aldo. The three had played two board
6	One rainy afternoon, Carlos was babysitting the children who

examined the wallet for a moment and then smiled gratefully.

Maria, and then handed Mrs. Dale the wallet. "Aldo found your Mrs. Dale recognized Carlos, who introduced Aldo and

husband's wallet on the street," he explained. Mrs. Dale

#### Benchmark 2.3 DIBELS Oral Reading Fluency

#### Louise Erdrich

How does a writer become a writer? For author Louise	10
Erdrich, family played an important role. The oldest of seven	20
children, Louise was born fifty years ago to an American Indian	31
mother and a German American father.	37
She was influenced by the stories she was immersed in	47
through her family and community. "People in [Native	55
American] families make everything into a story," she has said.	65
"People just sit and the stories start coming, one after another. I	77
suppose that when you grow up constantly hearing the stories	87
rise, break, and fall, it gets into you somehow." Louise has	98
integrated many of these stories and traditions into her novels.	108
She began writing when she was a child. Her father	118
encouraged Louise and her sisters to write original stories. "My	128
father used to give me a nickel for every story I wrote," says	141
Louise. Her mother created book covers for the stories. "So at an	153
early age, I felt myself to be a published author." As a teenager,	166
Louise began thinking that she might want to become a writer, so	178
she started keeping a journal and reading poetry.	186
During her junior year of college, Louise won a national	196
poetry prize. After college, she taught writing and also worked at	207
a variety of jobs, including being a waitress, weeding beet crops,	218
and weighing trucks on an interstate highway. These jobs and the	229
people she met through them gave her a deeper understanding of	240
the human experience and have informed many of her stories.	250
Louise had published two books of poetry before writing her	260

Louise had published two books of poetry before writing her260first novel, Love Medicine, which quickly became a bestseller.269Love Medicine and several other of her books explore Native279

#### Over the Rainbow (Continued)

"How kind of you," she said, and then told the three to waitwhile she went inside for a moment. When she returned, shecounted out four gold dollar coins for each of them.307

The three thanked Mrs. Dale and then set out for home,318chattering excitedly among themselves. "It's true about the326rainbow," Aldo said, smiling and opening his hand to reveal the337coins. "There really is gold at the end of the rainbow!"348

Total words: \_\_\_\_\_ – errors: \_\_\_\_\_ = words correct: \_\_\_\_\_

#### Retell:

#### ORF Total:\_\_\_\_

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Retell Total:\_\_\_\_\_

#### Notes:

	referring to the name of the bay, asked, "I suppose you're 250
	Just then the two entered a large bay, and the dolphin, 239
	fellow," said the dolphin with admiration. 228
	the dolphin listened intently. "You're a very distinguished 222
	Naturally, Abe couldn't resist telling his fantastic stories, and 214
	toward shore. 205
	fin under Abe and flipped him onto his back, and off they went 203
:sətoN	the mouse accepted this proposition, the dolphin reached with a 190
Retell Total:	dolphin, who offered to transport Abe ashore on his back. After 180
	Just as Abe was about to abandon hope, along came a
17 12 12 12 12 14 12 14 12 14 18 80 81 85 83 84 82 89 80 81 85 80 81 85 84 82 89 80 61 65 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 <td< td=""><td>began treading water and was soon feeling desperate and alone. 158</td></td<>	began treading water and was soon feeling desperate and alone. 158
76 71 78 30 31 32 32 32 32 32 32 32 34 32 34 42 <td< td=""><td>stranded in the middle of the ocean, many miles from shore. He</td></td<>	stranded in the middle of the ocean, many miles from shore. He
	him off the deck of his boat and into the sea. Abe found himself 136
Retell: ORF Total:	The day after Abe set sail, a great storm arose and washed 122
	king. 110
Total words: – errors: = words correct:	explained proudly that he would sail to Spain to be advisor to the 109
	passersby inquired what Abe planned to do with the boat, he
Moral: A liar deceives no one but himself.	One day Abe began constructing a boat on the beach. When 85
the shore.	stolen from him. 74
mouse splashed down into the water, the dolphin was far from	he who'd invented the sailing compass, but the idea had been 71
water, sending his passenger flying into the air. By the time the	once been governor of a vast island across the sea and that it was 60
made the dolphin so annoyed that he made a great leap out of the	about himself. For instance, he bragged to others that he had 46
telling lies about himself to exaggerate his importance. This	of size by exaggerating his strengths and even telling tall tales 35
The dolphin suddenly realized that the mouse had been	small creature bothered Abe, so he tried to make up for his lack 24
of mine, and related to our family!"	A mouse named Abe lived near the ocean. Being such a 11
Rhodes? Why, of course I do. He's an old college acquaintance	The Mouse and the Dolphin
Roads was the name of a person, Abe replied, "Do I know	
Not wishing to appear ignorant, and assuming that Herring	DIBELS® Oral Reading Fluency
The Mouse and the Dolphin (Continued)	Benchmark 2.2

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#### The Mouse and the Dolphin (Continued)

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12 02 69 89 29 99 59 79 69 79 19 09 65 39 31 38 36 40 41 45 43 44 42 49 41 48

3 14 12 19 12 18 16 50 51 55 53 54 52

familiar with Herring Roads?"

# Dynamic Indicators of Basic Early Literacy Skills 6<sup>th</sup> Edition

# DIBELS

# Sixth Grade Student Materials DIBELS Benchmark Assessment

Edited By: Roland H. Good III Ruth A. Kaminski *University of Oregon* 

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What is one of the world's biggest holes in the ground? It's more than a mile deep and almost three hundred miles long, and more than ten miles wide at some points. If you guessed the Grand Canyon, you're right. The Grand Canyon is an enormous gorge carved over millions of years by the Colorado River in northwestern Arizona.

Among the world's great tourist attractions, the Grand Canyon is walled by colorful strata, or layers, of rock dating back millions of years. The reds, pinks, and yellows in the rock are the result of traces of different minerals.

Most tourists visit the South Rim of the canyon, where there are hotels and many trails to explore. Bright Angel Trail is a popular hiking trail. The South Rim is open year round to visitors. The North Rim is cooler and quieter than the South Rim but is open only six months of the year.

The only ways to reach the inner canyon are by foot, on mule, or by raft on the Colorado River. Visitors can take daylong raft trips over smooth water or weeklong trips that include rolling rapids. Almost two hundred years ago, American John Wesley Powell led the first successful trip through the canyon. He and ten other men traveled down the river in four small boats, braving waters that had never been mapped.

Native Americans were the first to live and work in the canyon, more than eight hundred years ago. They lived in rock pueblos on both rims of the canyon, hunting and fishing, growing crops, making pottery, and weaving baskets. Wildlife is abundant in the canyon. Hundreds of kinds of birds live there, as well as bighorn sheep, mule deer, beavers, bats, snakes, lizards, and frogs. There are also many types of trees, cacti, and wildflowers.

You can see that the Grand Canyon is much more than just a big hole in the ground. It is an amazing site, alive with stories of the past and present that are written on the rock, on the land, and on the river.

### Fossil Butte National Monument

If you visit Fossil Butte National Monument in Wyoming, you may meet a fish that is fifty million years old. The park was established to preserve the rock formations that contain a wide variety of fossil remains of plants and animals from a lake that covered the area long ago. The fossils are so well preserved that scientists can use them to study relationships among the plants and animals. Scientists can also use the fossils to study the effects of climate change in the area.

Fossil Lake, now a dry bed, was once more than fifty miles long and twenty miles wide at its maximum. The lake and its surrounding area were alive with gars, stingrays, herring, perch, crocodiles, turtles, insects, and horses the size of dogs.

Scientists aren't sure why so much of the lake's life was preserved as fossils. One theory is that plants and animals that sank to the bottom of the lake were quickly covered with a substance in the water that protected them. Scientists can also tell that a great number of fish were killed suddenly, but no one has yet solved this mystery.

Fossil Butte is a high desert, with hot, sunny summers and cool nights and cold winters. It usually has perfect weather for hiking. It is easy to get out of breath as you hike, though, because it is so far above sea level. You're likely to see mule deer and a variety of birds in the park. If you're lucky, you might also see elk, moose, and beaver.

You can explore the park on your own or with a ranger. There are two groomed hiking trails in the park. A research quarry, located on one of the trails, is open to the public. Here visitors can help the park staff excavate fossils. And here is where you might meet your fish, its skeleton, teeth, scales, and skin perfectly preserved and ready to tell you an ancient story.

### Training for Tennis

Tennis is one of the most popular sports in the world. If you've discovered the game of tennis and enjoy playing, you probably know the basics by now, such as the rules of play, ways to serve and return the ball, and, of course, tennis etiquette, or the good manners of tennis. Three other things that are just as important are warming up before and after playing, doing practice exercises, and cross training.

Stretching to warm up helps loosen the muscles of your body, which helps you avoid injuries during a tennis game. One example of a good stretching exercise is to sit on the ground with your legs straight out in front of you. While trying to keep the backs of your knees on the ground, reach for your toes or as close to your toes as possible. Hold this stretch for about twenty seconds, relax, and then repeat the stretch three more times.

Practice exercises will help you improve your speed and reaction time for tennis. An example of a good practice exercise is to stand a few feet away from a partner and throw each other a tennis ball at the same time. You have to aim carefully and throw underarm for this exercise. If this seems too easy, try clapping or turning around before you catch the ball.

Cross training has to do with engaging in a sport other than your favorite sport. The theory behind cross training is that participation in other sports helps tune your body for your main sport.

For example, if you're a tennis player, playing soccer or basketball can improve your coordination and strengthen your leg muscles for moving quickly around the tennis court. Swimming and jogging can increase your endurance so that you don't tire out too quickly in a tennis match.

Another benefit of cross training is that it puts some variety in your sports life. If you focus all of your attention on tennis, you risk tiring of the sport too quickly. Variety in training will help you maintain your excitement about tennis or any other sport.

### Over the Rainbow

One rainy afternoon, Carlos was babysitting the children who lived next door, Maria and Aldo. The three had played two board games, eaten a snack, and read a story about a mouse and a whale that become friends.

As he watched the rain soak the front yard, Aldo announced that he was bored, and his sister, who usually agreed with Aldo except when it came to sharing a cookie, chimed in that she too was bored.

At last the rain stopped and Aldo, who was watching the sun emerge from the clouds, suddenly spied a rainbow. He asked Carlos whether the stories about finding gold at the end of a rainbow were true, to which Carlos responded that he wasn't so sure. After much persuading from the children, Carlos agreed to take them on a walk to investigate the rainbow's end.

"When we find gold, I'm going to buy a new bike," Aldo shouted assuredly as he strode ahead of the others. After a while, Carlos saw Aldo stop and squat down to pick up a black object, and when Carlos and Maria caught up with Aldo, they saw that he'd found a wallet. Carlos unfolded the wallet, pulled out a card, and saw a name he recognized. The three walked a couple of blocks to a small white house where Carlos rang the bell and a woman named Mrs. Dale appeared at the door.

Mrs. Dale recognized Carlos, who introduced Aldo and Maria, and then handed Mrs. Dale the wallet. "Aldo found your husband's wallet on the street," he explained. Mrs. Dale examined the wallet for a moment and then smiled gratefully. "How kind of you," she said, and then told the three to wait while she went inside for a moment. When she returned, she counted out four gold dollar coins for each of them.

The three thanked Mrs. Dale and then set out for home, chattering excitedly among themselves. "It's true about the rainbow," Aldo said, smiling and opening his hand to reveal the coins. "There really is gold at the end of the rainbow!"

### The Mouse and the Dolphin

A mouse named Abe lived near the ocean. Being such a small creature bothered Abe, so he tried to make up for his lack of size by exaggerating his strengths and even telling tall tales about himself. For instance, he bragged to others that he had once been governor of a vast island across the sea and that it was he who'd invented the sailing compass, but the idea had been stolen from him.

One day Abe began constructing a boat on the beach. When passersby inquired what Abe planned to do with the boat, he explained proudly that he would sail to Spain to be advisor to the king.

The day after Abe set sail, a great storm arose and washed him off the deck of his boat and into the sea. Abe found himself stranded in the middle of the ocean, many miles from shore. He began treading water and was soon feeling desperate and alone.

Just as Abe was about to abandon hope, along came a dolphin, who offered to transport Abe ashore on his back. After the mouse accepted this proposition, the dolphin reached with a fin under Abe and flipped him onto his back, and off they went toward shore.

Naturally, Abe couldn't resist telling his fantastic stories, and the dolphin listened intently. "You're a very distinguished fellow," said the dolphin with admiration.

Just then the two entered a large bay, and the dolphin, referring to the name of the bay, asked, "I suppose you're familiar with Herring Roads?" Not wishing to appear ignorant, and assuming that Herring Roads was the name of a person, Abe replied, "Do I know Rhodes? Why, of course I do. He's an old college acquaintance of mine, and related to our family!"

The dolphin suddenly realized that the mouse had been telling lies about himself to exaggerate his importance. This made the dolphin so annoyed that he made a great leap out of the water, sending his passenger flying into the air. By the time the mouse splashed down into the water, the dolphin was far from the shore.

Moral: A liar deceives no one but himself.

### Louise Erdrich

How does a writer become a writer? For author Louise Erdrich, family played an important role. The oldest of seven children, Louise was born fifty years ago to an American Indian mother and a German American father.

She was influenced by the stories she was immersed in through her family and community. "People in [Native American] families make everything into a story," she has said. "People just sit and the stories start coming, one after another. I suppose that when you grow up constantly hearing the stories rise, break, and fall, it gets into you somehow." Louise has integrated many of these stories and traditions into her novels.

She began writing when she was a child. Her father encouraged Louise and her sisters to write original stories. "My father used to give me a nickel for every story I wrote," says Louise. Her mother created book covers for the stories. "So at an early age, I felt myself to be a published author." As a teenager, Louise began thinking that she might want to become a writer, so she started keeping a journal and reading poetry.

During her junior year of college, Louise won a national poetry prize. After college, she taught writing and also worked at a variety of jobs, including being a waitress, weeding beet crops, and weighing trucks on an interstate highway. These jobs and the people she met through them gave her a deeper understanding of the human experience and have informed many of her stories.

Louise had published two books of poetry before writing her first novel, *Love Medicine*, which quickly became a bestseller. *Love Medicine* and several other of her books explore Native American themes, and she has been praised for telling "real stories" about Native Americans. Her books of fiction and poetry have won numerous awards and prizes. Now a famous writer, Louise receives far more than a nickel for every story she writes.

### Winner of the Race

On the day of the race, Lamont awoke early and checked all the equipment on his bicycle one final time. He had owned several bikes over the years, but this one, a red and silver road bike, was his favorite because he'd won the past two Town River races on it. The bicycle race was an annual event for teenagers, and this year the prize would be a new bicycle and helmet.

Lamont's neighbor and friend, Jay, walked with Lamont to the race site. The two had ridden bicycles together for the past three years, until six months ago, when Jay's bike had been stolen from his garage.

At the site, Jay wished Lamont good luck after the announcer called the race entrants to the starting line. When the fifty or so participants assembled behind the line, the mayor stepped up to the microphone to welcome the contestants and observers. Then he blew a whistle and the cyclists charged across the starting line.

Lamont hung back to let the first wave of riders sort themselves out. Then he began his progress toward the front of the pack, pacing himself and holding back a little to conserve energy for the final push.

Lamont passed one cyclist after another, moving cunningly and steadily to the front, concentrating intently. Soon he passed the lead cyclist and then, to ensure his lead, he churned his legs harder to put distance between himself and the rider in second place. When Lamont rolled across the finish line, the crowd whooped and cheered. After the awards ceremony, as Jay admired the prize, Lamont said, "I want you to have the new bike. I don't want to part with my old bike, which has seen me through three victories." Jay blinked in disbelief. "I mean it," Lamont said. "It's yours." Jay slowly placed the helmet on his head and got on the bike. He must have thanked Lamont twenty times during the boys' ride back to their neighborhood. People often go to mountains for relief from the pressures of modern life. The altitude, fresh air, and scenery can revive sagging spirits. But where do mountains go for relief from pressures of their own?

Many of the world's mountain regions are suffering from damage caused by modern life. They have been affected by climate changes, tourism, pollution, development, and other forces. Unless these forces are controlled, major problems will result. For example, erosion caused by unwise farming practices can lead to landslides, avalanches, and flooding.

Mountains and highlands cover a quarter of the earth's land surface. These areas are home to ten percent of the world's people. They provide a source of water for more than half of all people. These ecosystems are as important to the planet as are its oceans and rain forests.

Mining, logging, and overgrazing of farmlands have destroyed forests in mountain and highland areas. To some researchers, however, tourism is one of the main threats. The number of visitors to mountain areas is growing. More tourism means more development and more vehicle traffic. Increased development destroys wildlife habitats and taxes natural resources.

Along with these problems are threats posed by climate warming trends. Glaciers and snowcaps are melting at an alarming pace, which can lead to even more warming. When the ice melts, the newly exposed land and water surfaces retain more heat. The warmer land and water can speed up warming around the world.

Taken as a whole, the problem seems as large as the mountains themselves. But each mountain system is unique. For one country, a threat to a mountain range may be the pressures of war, but for another, it may be unsound farming. People will need to address the problems as separate issues, one step at a time, as in climbing a mountain. Scientists and other groups are already taking steps in some mountain areas. They know that making a mountain healthier is good for the health of the whole planet.

### Virgin Islands National Park

Another name for Virgin Islands National Park might be paradise. The park, which covers much of St. John Island and most of Hassel Island, consists of fifteen thousand acres of clear water, white sand beaches, fragile coral reefs, tropical forests, hundreds of species of plants, and the remnants of earlier cultures.

The coral reef colonies here support many types of fish. They are also home to worms, sponges, urchins, mollusks, and lobsters. These are fragile communities that depend on just the right combination of conditions such as proper temperatures, enough sunlight and oxygen, and the right foods.

The park features several different land areas. These areas were created by differences in rainfall amounts, soil types, and varying effects of salt and wind. Along the north shoreline and the higher interior elevations are wet forests that receive a lot of rain each year. These areas support tall trees and lush forests.

Dry forests cover the eastern and southern parts of St. John, as well as some of the low coastal areas. Mangrove forests are also found in the park. Mangrove trees have adapted to conditions on the shorelines. Red mangroves even grow in the ocean, and their roots protect the shorelines and shelter marine animals.

Protection of the reefs and forests of this park present a challenge for the park service. More than one million people visit the park each year. People have a right to visit the park. But how many visitors should be in the park at any given time? How many people should be allowed to swim in and around the reefs each year? How many boats should be allowed to anchor in the area?

The park staff, the Virgin Islands government, and others are working to answer these and similar questions. They want visitors to enjoy the park, but they are also committed to protecting the park's fragile natural features. Everyone who has visited the park wants this paradise to last for as long as possible.