

Contents

Introduction	2	Celebrations	
Text Features	3	Birthday Traditions	57
Animals		A Birthday in Mexico	59
A Trip to a Farm	4	Christmas	61
All About Birds.	7	Hanukkah.	63
Dragonflies	9	Diwali	65
Big and Blue	11	Eid al-Fitr	67
Squirrel Adaptations	13	Folklore	
Life Cycle of a Brown Bear	15	The Tricky Turtle	69
Life Cycle of a Monarch Butterfly	17	The Grasshopper and the Ant	71
Liquids and Solids/States of Matter/		The Lion and the Mouse	73
Air and Water		The Rooster and the Sun	75
Three Types of Ice	19	Communities	
Freezing Rain.	21	How Communities Change.	77
Fog	23	People on the Move	79
Lighthouses Keep Ships Safe	25	Hospitals and Community Centres	81
How We Use Water at Home.	27	School Jobs	
Wind Makes Things Move	29	What Does a School Custodian Do?	84
How Do We Use Air?	31	What Does a School Librarian Do?	86
Drying Clothes	33	What Does a Crossing Guard Do?	88
Movement		Media	
Sliding and Rolling.	35	All About Media Forms	90
Things That Spin.	37	What Is the Internet?	92
Things with Wheels	39	Convincing People to Buy a Product	94
Moving in a Wheelchair.	41	Biography	
Health		The Wright Brothers.	97
Be Active Every Day	43	Helen Keller	99
Your Body Needs Water	46	Graphic Organizers	101
Finding New Friends	48	How Am I Doing?	111
Teasing	51	Reading Comprehension Student	
When You Are Sick	53	Tracking Sheet	112
Stay Safe in the Sun	55	Achievement Certificate.	113
		Answers	114

Big and Blue

What is the biggest animal on Earth? This animal is even bigger than a dinosaur. Can you guess the animal? It is a blue whale.

Baby Blue Whales

A baby blue whale has just come out of its mother's body. The **newborn** whale weighs as much as an adult elephant. The baby drinks lots of milk from the mother. Baby blue whales grow quickly.

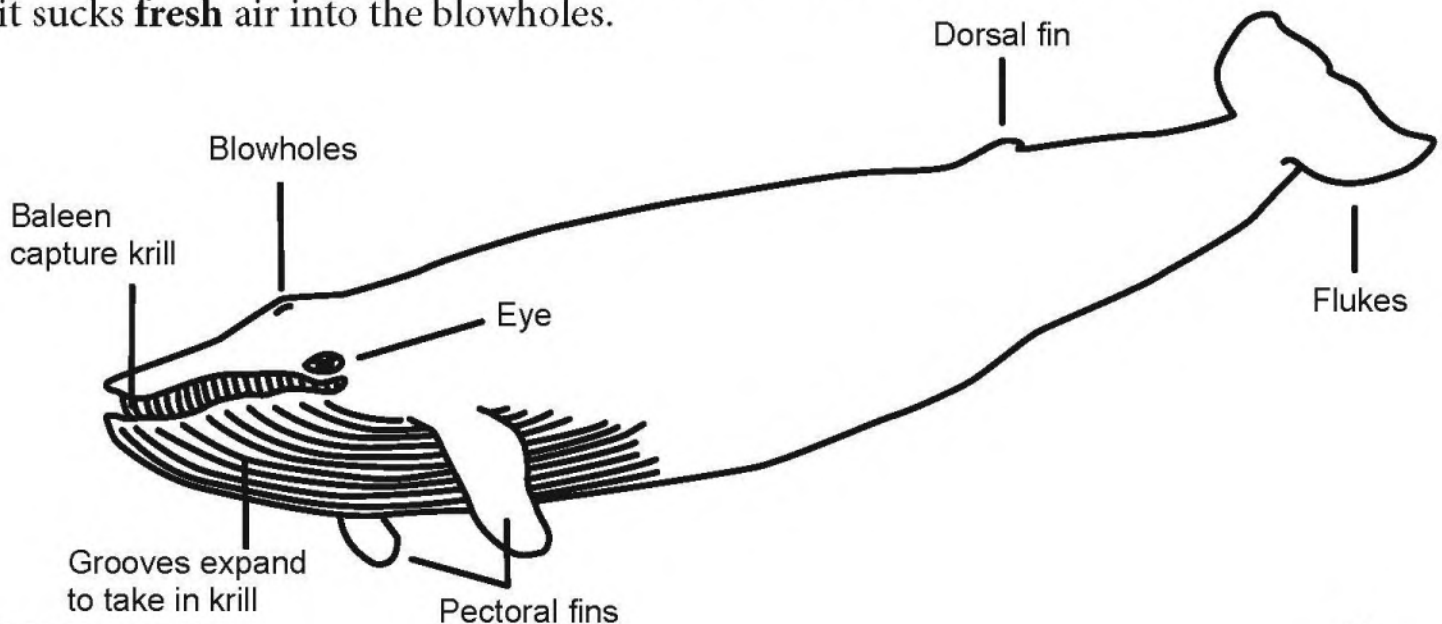
Adult Blue Whales

Everything about an adult blue whale is big. The whale's body is as long as three school buses. The whale's tongue is so big that 50 people could stand on it. The whale's heart is as big as a small car. Your heart is as big as your fist.

Blue Whales Breathe Air

Whales are mammals. All mammals breathe air into their lungs. A blue whale breathes through two holes on top of its head. These holes are called **blowholes**. They are close together, like your nostrils.

The whale swims to the surface of the water to breathe. The top of the whale's head sticks out of the water. The whale blows old air out of the blowholes. Then it sucks **fresh** air into the blowholes.





“Big and Blue”—Think About It

1. When is a baby whale a newborn whale?

2. What food helps a baby blue whale grow quickly?

3. The text says that blowholes are close together, like your nostrils. Tell another way that blowholes and your nostrils are the same. (Hint: Think about what blowholes and nostrils do.)

4. Complete the sentences to show how a blue whale compares to other things. Put a period at the end of each sentence.

A blue whale is bigger than _____

A newborn blue whale weighs as much as _____

An adult blue whale has a body that is as long as _____

5. How many fins does a blue whale have? Tell how you know.

Things That Spin

Objects spin when they turn around in a circle.

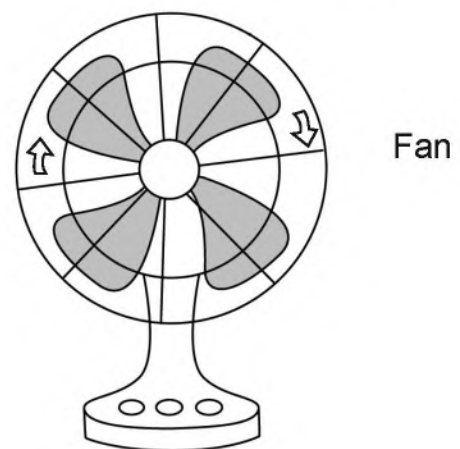
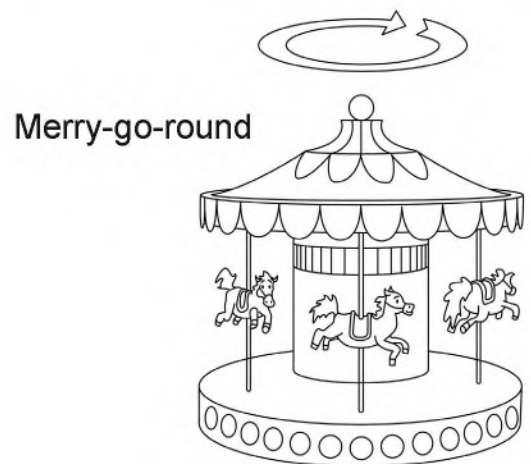
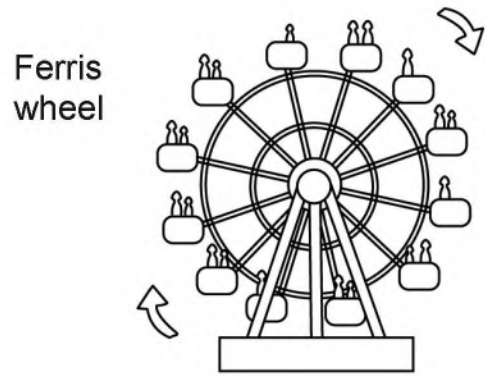
A Ferris wheel is fun because it spins. It turns around and around in a circle. People go high, then low, then high again as the Ferris wheel spins. It is fun to go up high on a Ferris wheel.

The wheels on a bike spin. Each wheel moves around and around in a circle. When you go fast on a bike, the wheels spin quickly. You cannot go anywhere on a bike if the wheels do not spin.

Have you ever been on a merry-go-round? A merry-go-round spins. The horses move around and around in a circle as the merry-go-round spins. The merry-go-round stops spinning when the ride is over.

The **blades** on a fan spin. Turn the fan on and the blades move around and around in a circle. The spinning blades make air move. Then you have a nice breeze to cool you down.

Can you spin? Yes, you can! First, you need to stand up. Turn your body around in a circle. You can move your feet, but keep them in the same spot on the floor. Do not spin fast and do not turn in a circle too many times. Spinning can make you **dizzy** and you might fall down.



"Things That Spin"—Think About It

1. What is an object doing when it spins?

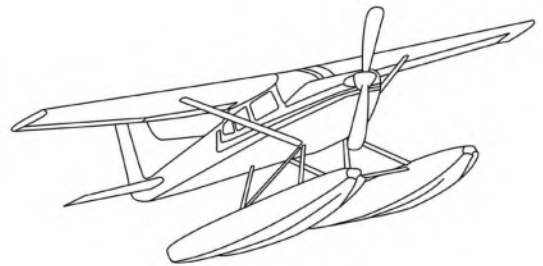
2. Look at the pictures below. Draw an arrow to each part that spins.



Pinwheel



Hamster exercise wheel



Sea plane

3. What is a breeze? Use clues in the text to help you.

4. How does a fan make a breeze?

5. How can you make sure you do not hurt yourself when you make your body spin?
