

Skills:

Gathering data from a table and fact list

Solving problems with elapsed time and length measurements

Teaching **Get Wet!**

Students examine a data table and fact list about waterpark rides.

Tasks	◆ Tier 1 Below Level	● Tier 2 On Level	◆ Tier 3 Above Level
Gather data from a table and fact list.	X	X	X
Solve problems based on elapsed time.	X	X	X
Complete a schedule.	X	X	
Create a schedule.			X
Convert standard units of length (inches, feet, yards).		X	X
Draw a picture and use visual reasoning to solve a problem.			X

Getting Started

See the tips below for introducing the lesson. Make copies of the student data sheet (page 24) and the appropriate leveled activity sheet for each group of learners (pages 25–27).

Access prior knowledge by reviewing how to read schedules and by practicing time to the minute with both a.m. and p.m. Also review standard units of length (inch, foot, yard). Talk about possible waterpark activities.

◆ Tier 1

- **Use the Table:** Ask questions to help children find information in the table. Provide play clocks students can manipulate, and reinforce *clockwise* for advancing time, and *counterclockwise* for counting back. Allow pairs to read, discuss, and solve the problems together. For item 8, guide children to use the bulleted list below the table.
- **Finish the Schedule:** Review how to write times with a colon to separate hours and minutes. Reinforce the use of placeholder zeros for times on the hour (e.g., 2:00) and for times with fewer than 10 minutes (e.g., 4:05).

● Tier 2

- **Use the Table:** Review writing times using a colon to separate hours and minutes; and the use of zeros to indicate times on the hour (e.g., 2:00) and as placeholders for times with fewer than 10 minutes (e.g., 1:07). Allow children to use play clocks to help solve problems 1–4. Explain “3 times as long” and “half as long” for item 5.
- **True or False?** Review the relationship between feet and inches. Have children make a table to show how many inches are in 1 foot, 2 feet, 3 feet, and 4 feet.
- **Finish the Schedule:** Clarify how to incorporate the 10-minute rest time between rides into the creation of the schedule.

◆ Tier 3

- **Use the Table:** Discuss other data that could be included in the table and why the bulleted facts are not included in the table itself. Review that *noon* is shown as 12:00 and the idea that noon separates morning and afternoon (as *midnight* separates PM and AM). Display a yardstick for item 5.
- **Draw a Picture:** Suggest that students sketch a path for the Bouncy Boat ride, label its midpoint, draw the 10-foot boat so that it spans the midpoint, and then label the distances of the different parts of the sketch.
- **Make Your Own Schedule:** Point out that there are multiple ways to schedule rides, as long as the final schedule fits all the rules. Allow children to use play clocks to check their work.

Skills:

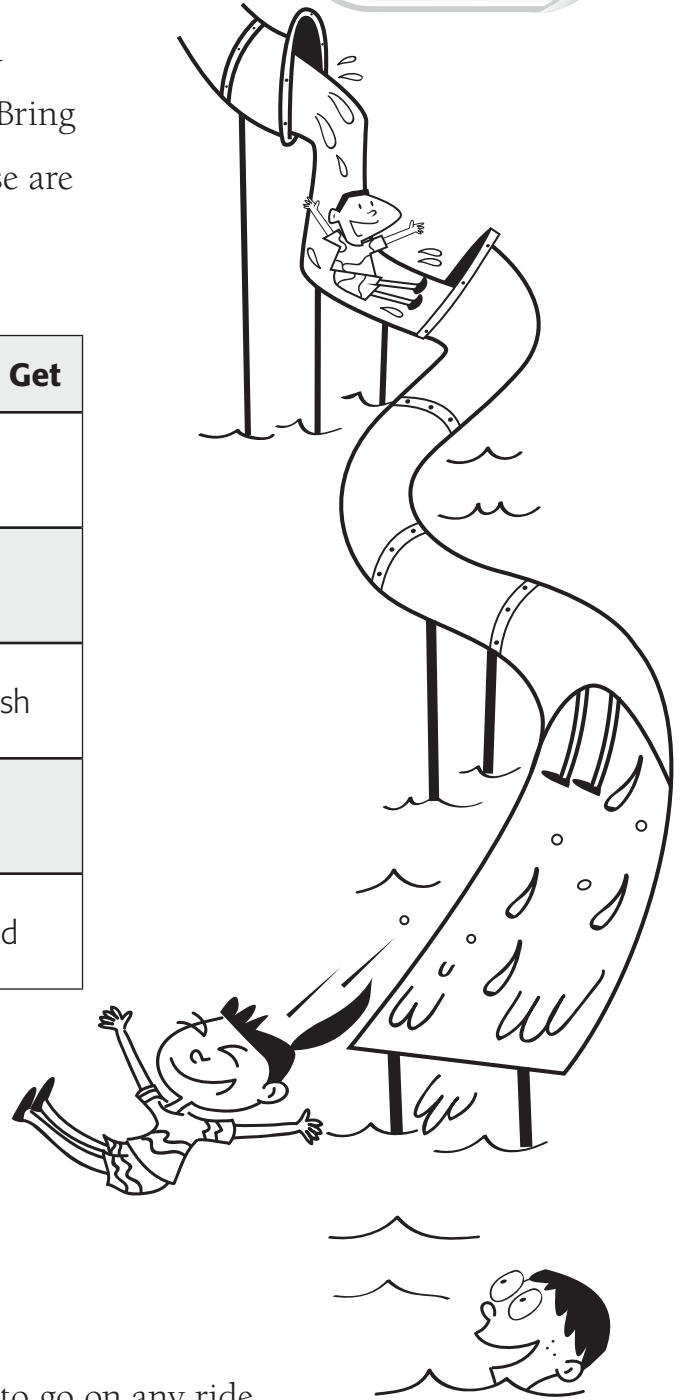
Gathering data from a table and fact list

Solving problems with elapsed time and length measurements

Get Wet! Data Sheet

A new waterpark has just opened. It is called *Better Wetter Park*. Grab your family and go! Bring a bathing suit. You are going to get wet! These are some of the exciting rides:

Ride	Time	How Wet You Get
Big Flop	3 minutes	very wet
Bouncy Boat	9 minutes	drenched
Snorkel Away	8 minutes	as wet as a fish
Splash Course	5 minutes	soaked
Super Slide	4 minutes	totally soaked



Here is more information:

- The Big Flop ride is 82 feet high.
- The Bouncy Boat ride is 1,200 feet long.
- Children must be at least 36 inches tall to go on any ride.
- Children must be at least 48 inches tall to ride *alone*.

◆ Get Wet! Activity Sheet



Use the Table

Fill in each sentence.

1. The Super Slide ride lasts _____ minutes.
2. Suki rode on the Big Flop. The ride ended at 3:20 PM. It started at _____.
3. Tania rode on Snorkel Away. The ride began at 2:15 PM. It ended at _____.
4. Dan went on Super Slide. The ride ended at 11:04 AM. It started at _____.
5. If the Bouncy Boat ride begins at 12:55 PM, it ends at _____.
6. Ben rode the same ride twice in a row. The first ride began at 3:30. The second one ended at 3:46. The ride Ben rode was _____.
7. Two rides that together last for 9 minutes are _____ and _____.
8. Circle the right unit of measure: The Big Flop ride is 82 inches or feet high.

Finish the Schedule

Roland went on 5 different rides. Fill in the missing times. Use data from the table.

Ride	Ride Starts	Ride Ends
1. Super Slide	1:00 PM	1:04 PM
2. Splash Course	1:14 PM	
3. Snorkel Away	1:29 PM	
4. Bouncy Boat		1:56 PM
5. Big Flop	2:06 PM	

● Get Wet! Activity Sheet



Use the Table

Answer the questions.

1. Ed began a ride at 2:15 PM. It ended at 2:23 PM. What ride was he on? _____
2. Nora took 2 different rides. The rides lasted 14 minutes in all. Which rides did she take? _____
3. Rajiv rode Snorkel Away. It ended at 1:45 PM. When did it start? _____
4. Calla rode Big Flop and Bouncy Boat. She waited 5 minutes between rides. The first ride began at 3:45 PM. When did the second ride finish? _____
5. Which ride lasts 3 times as long as Big Flop? _____
Which ride lasts half as long as Snorkel Away does? _____

True or False? Circle the correct answer.

6. Evan is 4 feet tall. He can ride alone. True False
7. Kathy is 3 feet 6 inches tall. She can ride alone. True False



Finish the Schedule

Use data from the table with these extra facts.

- ⊙ Eli went on 6 rides beginning at 2:00 PM.
- ⊙ He rested for 10 minutes between each ride.
- ⊙ He rode one ride twice but not in a row.

Ride	Ride Starts	Ride Ends
1. Super Slide	2:00 PM	
2. Splash Course	2:14 PM	
3. Snorkel Away		
4.	2:47 PM	2:56 PM
5. Big Flop	3:06 PM	
6.		3:24 PM

Get Wet! Activity Sheet



Use the Table Answer each question. Use the table and the facts below it.

- Selena's ride began at 11:55 AM and ended at 12:03 PM.
Which ride was she on? _____
- Tara rode Splash Course twice in a row. She finished at 2:20 PM.
At what time did she start? _____
- Elton went on 2 different rides. The rides lasted for 14 minutes in all.
Which rides did he take? _____
- Nico is 3 ft 11 in. tall. Mia is 2 inches taller. Who may ride alone?
Explain. _____
- Big Flop riders land in a pool of water that is 2 yards deep. Remember,
1 yard = 3 feet. How many feet is it in all from the top of the ride to the bottom
of the pool? _____

Draw a Picture Make a picture using facts from the Data Sheet to solve this problem.

- Gil rides the Bouncy Boat. His boat is 10 ft long. The boat is *exactly* halfway through
the course. How far is the front of the boat from the end of the course? _____

Make Your Own Schedule

Use data from the table and the facts below to make a schedule of your visit to the Better Water Park.

- ☉ You start going on rides at 1 PM.
You leave by 3 PM.
- ☉ You spend about 1 hour total on rides.
- ☉ You rest for 10 minutes between rides.
- ☉ Draw a table like the one at the right. List each ride by name, start time, and end time.
- ☉ Write a problem about your schedule on the back of the page.

Ride	Ride Starts	Ride Ends

Answer Key

Get Wet

Tier 1, page 25: Use the Table: 1. 4, 2. 3:17 PM, 3. 2:23 PM
4. 11:00 AM, 5. 1:04 PM, 6. Snorkel Away 7. Splash Course,
Super Slide 8. feet; Finish the Schedule:

Ride	Ride Starts	Ride Ends
1. Super Slide	1:00 PM	1:04 PM
2. Splash Course	1:14 PM	1:19 PM
3. Snorkel Away	1:29 PM	1:37 PM
4. Bouncy Boat	1:47 PM	1:56 PM
5. Big Flop	2:06 PM	2:09 PM

Tier 2, page 26: Use the Table: 1. Snorkel Away 2. Splash Course,
Bouncy Boat 3. 1:37 PM, 4. 4:02 PM, 5. Bouncy Boat; Super Slide
6. true 7. false; Finish the Schedule:

Ride	Ride Starts	Ride Ends
1. Super Slide	2:00 PM	2:04 PM
2. Splash Course	2:14 PM	2:19 PM
3. Snorkel Away	2:29 PM	2:37 PM
4. Bouncy Boat	2:47 PM	2:56 PM
5. Big Flop	3:06 PM	2:09 PM
6. Splash Course	3:19 PM	3:24 PM

Tier 3, page 27: Use the Table: 1. Snorkel Away 2. 2:10 PM
3. Splash Course, Bouncy Boat 4. Mia could ride because she
is taller than 48 inches. 5. 88 feet; Draw a Picture: 6. 595 feet;
Make Your Own Schedule: *Answers will vary but should look similar
to this sample schedule:*

Ride	Ride Starts	Ride Ends
1. Super Slide	1:00 PM	1:04 PM
2. Big Flop	1:14 PM	1:17 PM
3. Bouncy Boat	1:27 PM	1:36 PM
4. Snorkel Away	1:46 PM	1:54 PM
5. Splash Course	2:04 PM	2:09 PM
6. Bouncy Boat	2:19 PM	2:28 PM
7. Super Slide	2:38 PM	2:42 PM
8. Splash Course	2:52 PM	2:57 PM