

*RCSA Intracoastal
Fourth Grade
Summer Packet*



SUMMER IS HERE, SCHOOL IS OUT, DESKS ARE EMPTY, AND LOCKER DOORS ARE SHUT!

WHILE THE END OF SCHOOL SIGNALS THAT WONDERFUL FEELING OF RELEASE FROM HOMEWORK, THE "SUMMER SLIDE" CAN QUICKLY SET IN. IN ORDER TO AVOID THE "SUMMER SLIDE" (THAT TIME WHEN YOUR BRAIN SHUTS DOWN AND YOU FORGET ALL THAT YOU LEARNED IN SCHOOL THROUGHOUT THE YEAR). THE FOURTH GRADE TEACHERS, MRS. PEIFFER AND MRS. ZELLNER HAS ASSIGNED A SUMMER PROJECT PACKET FOR YOU TO COMPLETE.



4th Grade Policies for Summer Reading:

1. Read a nonfiction book, and complete the nonfiction choice assignment report.
 - ***Remember:** To see if a nonfiction book is a “just-right” fit for you, pick a page to read and hold up 5 fingers. Then, put down a finger every time you come to a word you don’t know. If you put down all 5 fingers, the book is too hard. Otherwise, it is just right!*
2. Read *Tales of a Fourth Grade Nothing* by Judy Blume. After reading the novel, complete one Summer Reading Activity Choices from each row in the boxes below. **(One choice must be chosen from Row 1 and Row 2).** Students may access the pdf copy of the novel online at:
<https://www.freelake.org/ais/application/files/4716/2143/9718/Tales-of-A-FourthGrade Nothing.pdf>

***Google: Tales of a Fourth Grade Nothing pdf book. The above link will show up.**
3. Bring your Summer Reading Assignment and Activity during the first week of school.
4. This summer reading project will count as an extra credit grade in your ELA class.

4th grade Math and Science summer packets

Math: Plan a school carnival

You are to design a school carnival using various math concepts used throughout the school year. The first thing you need to do is set up the games and activities, create a map, and then help with the food.

Science: Summer Mystery: *The case of the missing beach umbrella.*

Someone stole all the beach umbrellas right before summer. You will solve puzzles and questions using your scientific knowledge to help eliminate the innocent suspects and find who stole the beach umbrellas.

First and Last Name in your neatest cursive _____

Non-fiction Choice Assignment

Title of Book: _____

Author: _____



Interesting facts I learned from this book.

(Please write complete sentences in your own words.)

* _____

_____ page _____

* _____

_____ page _____

* _____

_____ page _____

* _____

_____ page _____

* _____

_____ page _____

I rate this book: ★ ★ ★ ★ ★

What is your opinion on the topic of this book? _____

Directions: Complete one reading activity from row 1, and pick one reading activity from row 2.

<i>Row 1</i>	Make an advertisement to persuade people to buy and read your book. On a sheet of paper or poster. Write down an exciting summary of the book and why people should buy /read the book. Create an image that would catch someone's eye.	Pretend you are a character in your book. Design a postcard to "send" to another character. Your postcard should include an illustration of an important place or event on one side and a letter to the character on the other. You will need to put yourself in your character's shoes and write what you think this character would say. Your letter must be two well-developed paragraphs.	Write a letter to the author expressing your thoughts about the book. What did you like, what didn't you like, and what would you have changed? You must include at least 3 events that happened in the book to support your thoughts.
<i>Row 2</i>	Create an award and give it to the best character in your book. Write what the award is for and why that character received the award. Draw a picture of what the award looks like.	Create a poster: On the poster summarize your book. Then decorate the poster to match the book you're reading.	Create an illustrated bookmark with relevant information. A bookmark might summarize previous chapters, or contain challenging vocabulary words. Make it colorful, and creative.

TIME TO CELEBRATE!

The school year is over and the principal has asked your class to be in charge of a school carnival. The PTA has asked you to help with the food and games. You will also be able to find out what activities students participated in at the carnival.

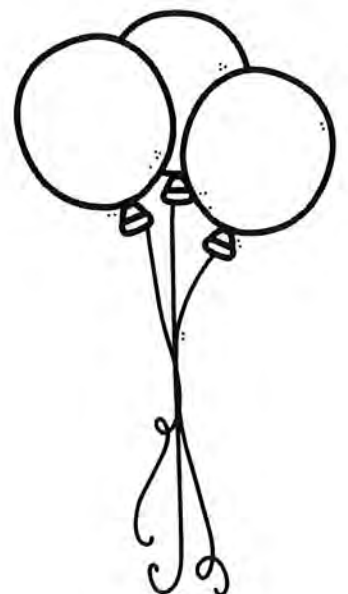
Your goal is to make the carnival as fun as possible while solving all of the challenges inside this packet.

Carnival Planning Guide:

- Find out the area and perimeter of the games and activities
 - Help the employees make the food
 - Find out what your customers did at the carnival

This carnival was created by:

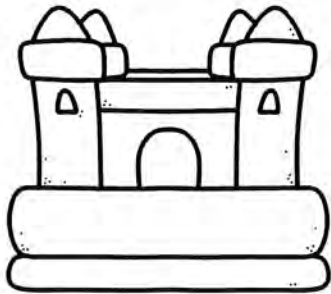
The name of the carnival is:



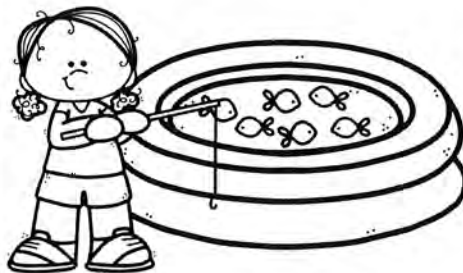
GAMES AND ACTIVITIES

The first thing you need to do to plan the carnival is to set up the games and activities. On the next page, you will find a map to organize how you want everything set up. Write down the perimeter of one of each of the activities. Use the key below to help you.

ACTIVITY		AREA (sq. units)	PERIMETER (units)
Bouncy Castle	$L=4$ $W=6$		
Fishing Pond	$L=8$ $W=2$		
Ball Toss	$L=7$ $W=6$		
Spin-The-Wheel	$L=3$ $W=4$		
Limbo	$L=5$ $W=5$		
Duck Pond	$L=9$ $W=6$		



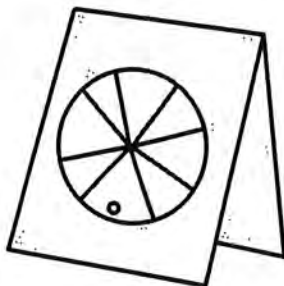
Bouncy Castle



Fish Pond



Ball Toss



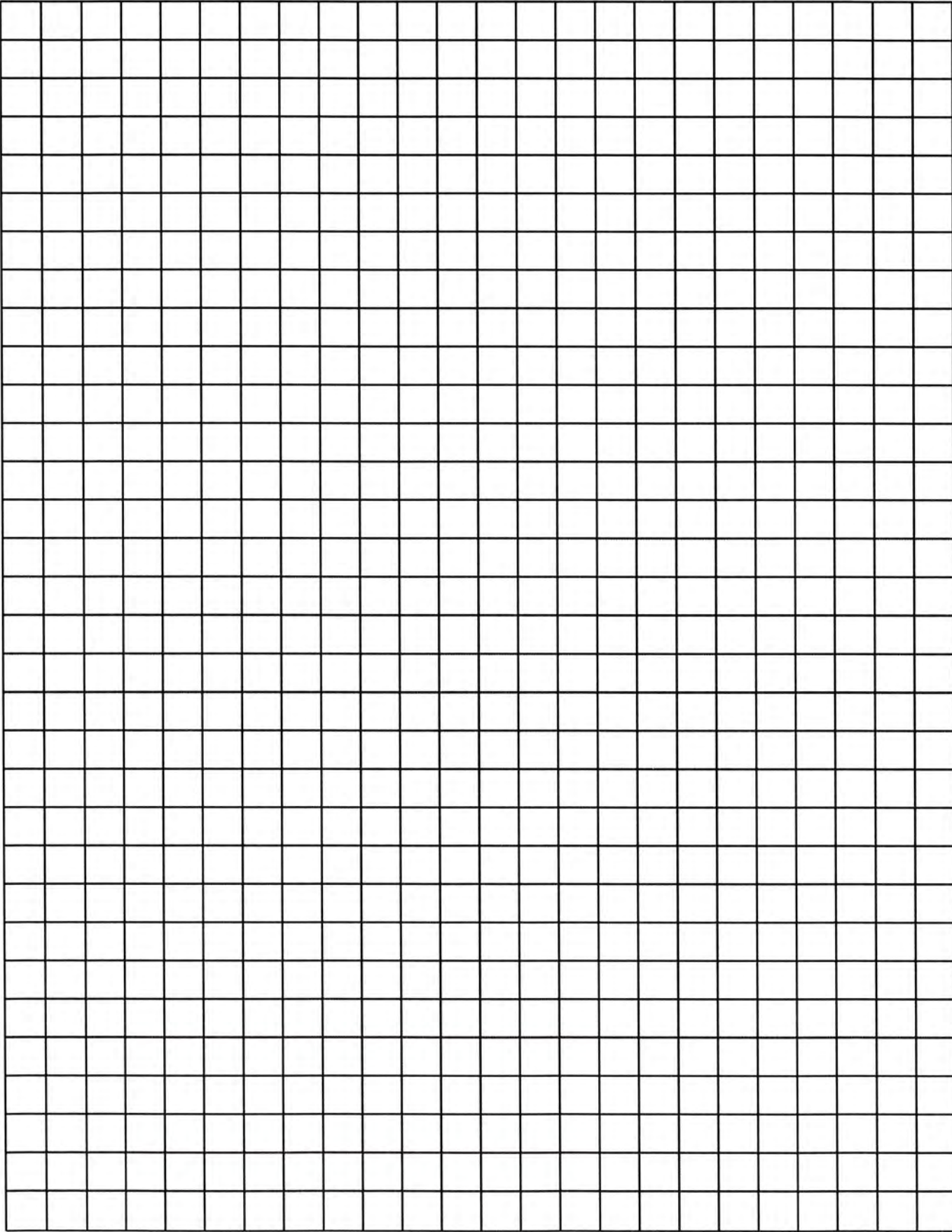
Spin-the-Wheel



Limbo



Duck Pond



FOOD COURT

SNO CONE RECIPE

1 pint of water
4 cups of white sugar

16 ounces of Kool-Aid
drink mix

In a saucepan, stir together the sugar and water. Bring to a boil for about 1 minute. Remove from heat and stir in drink mix. Allow to cool, and store in a container for pouring. Pour over 3 cups of shaved ice..

1. The Sno Cone staff used 320 cups of white sugar the night of the carnival. How many quarts of sugar did they use?

_____ quarts

2. You have 128 ounces of coconut Kool-Aid. How many sno cones will this amount make?

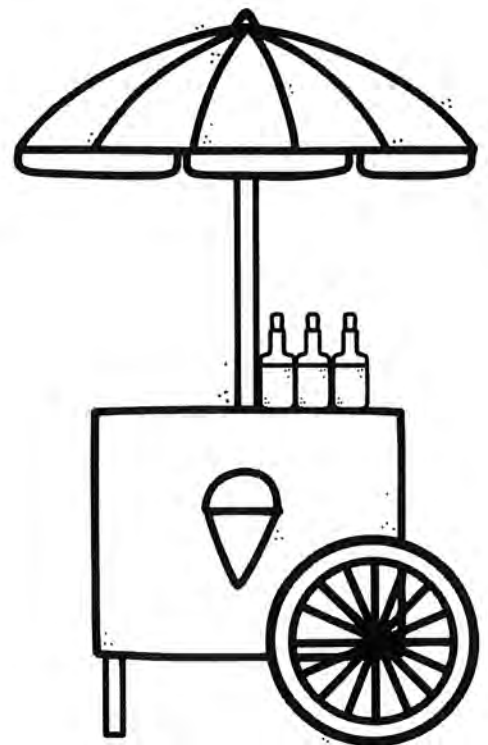
_____ sno cones

3. How many pints does it take to use one gallon of water?

_____ pints

4. How many pints are in two packs of Kool-Aid mix?

_____ pints



FOOD COURT

ICE CREAM TOPPINGS

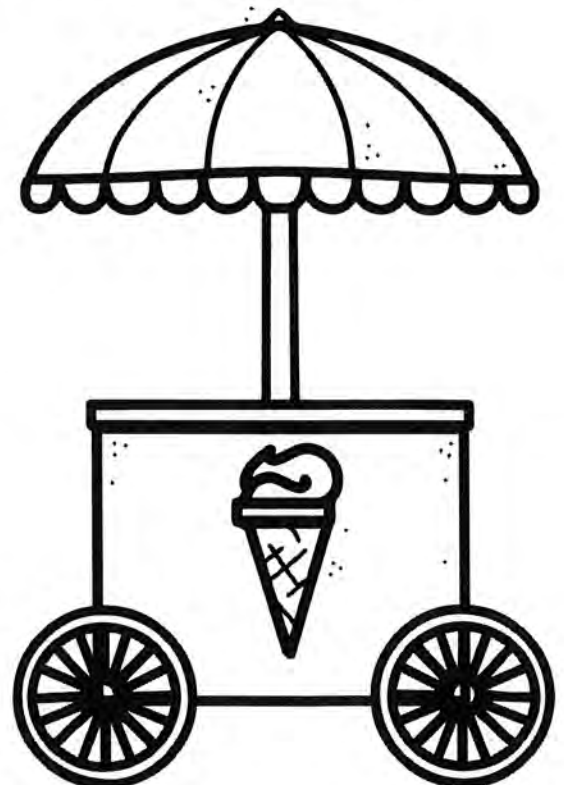
Each of the toppings arrive in bags.

Toppings	Amount Per Bag
Sprinkles	100 per bag
Oreos	39 per bag
Gummy Bears	75 per bag
Cookie Dough	23 per bag
Peanut Butter Cups	16 per bag

4. The principal loves Oreos! They want to make sure you order 52 bags. How many total Oreos will you have?

5. The third grade teachers want 68 bags of cookie dough pieces. How many pieces will you have total?

6. CHALLENGE: How many pieces of toppings will you have total? Hint: Add all of the totals together to find your answer.



Name: _____

Ice Cream Orders

The fifth graders ordered 207 mint chocolate chip ice cream cones. They need to divide the cones between 9 classes. How many cones does each class get?



The first graders ordered 313 double-scoop ice cream cones. They need to divide them between 4 classes. How many cones will each class get?



The second graders split 5,236 sprinkle ice cream cones between 2 classes. How many cones does each class get?



The fourth graders split 1,204 fudge sundae cones between 7 classes. How many cones does each class get?



Write the amount the second graders ordered in expanded form (5,236.)

Write the amount the fourth graders ordered in word form (1,204.)

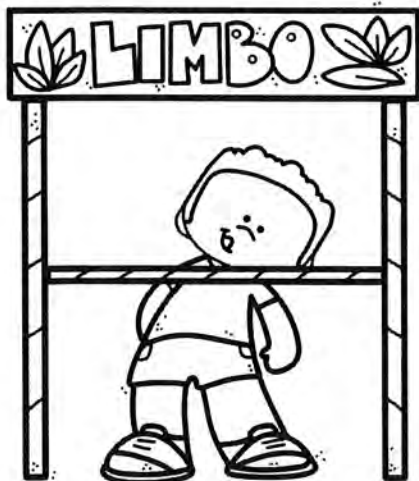


LIMBO CONVERSIONS

The limbo pole is raised at different lengths.
Convert the following problems:

Kilo, Hecto, Deca, Unit, deci, centi, milli

2 Kilometers ----- Meters	5 Decimeters ----- Centimeters	8 Hectometers ----- Meters
40,000 millimeters ----- Decameters	9 millimeters ----- Meters	6 decimeters ----- Decameters








How do you convert Hectometers to millimeters?

How do you convert centimeters to decimeters?

Who Did It? Name: _____

Summer Mystery- The Case of the Missing Beach Umbrellas

Oh no! Someone stole all the beach umbrellas right before summer! How are we going to relax at the beach? The police have rounded up a few suspects, which means they may have committed the crime. Let's meet them...

Jack the Jackolantern	Tanya the Turkey	Elvis The Elf	Gordon the Leprechaun	Bridget the Bottle
				
Jack was found guilty of stealing the candy right before Halloween!	Tanya was found guilty of stealing the apple pie right before Thanksgiving!	Elvis was found guilty of stealing the presents right before Christmas!	Gordon was found guilty of stealing the gold right before St. Patrick's Day!	Bridget was found guilty of stealing the recycling bins right before Earth Day!

Who do you think stole the beach umbrellas?

Why? _____

On the next few pages, you will find puzzles and questions. If you answer these questions correctly, the innocent suspects will be eliminated. Make sure to come back to this page and cross out a suspect after you have eliminated them. Be careful! If you pick the wrong perpetrator, we won't get our beach umbrellas back in time for summer vacation!

Who Did It?

The perpetrator took all our clues and mixed them up! You need to use the clues to figure out how to reorganize them. Once you have reorganized the clues, write each letter that has been circled in the box at the bottom. Unscramble those letters to figure out who to cross off your list!

1. suerlt

The way a mineral reflects light

2. tagriyv

A force that pulls things to Earth

3. abeeelnhorw

Resources that will run out before they can be replaced

4. soffeslluis

Underground resources made from plants and animals that living a long time ago

5. initeck

Movement or releasing energy

6. iroonse

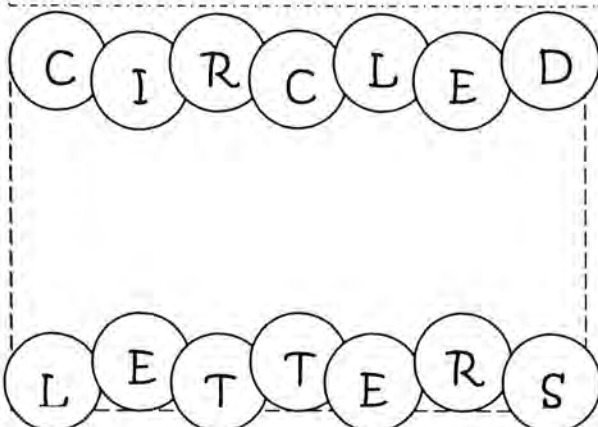
Movement of sediment

7. taerks

The color dust a mineral leaves behind

8. troinvuleo

To travel around something once



Unscrambled Name of the
Innocent Suspect:

2

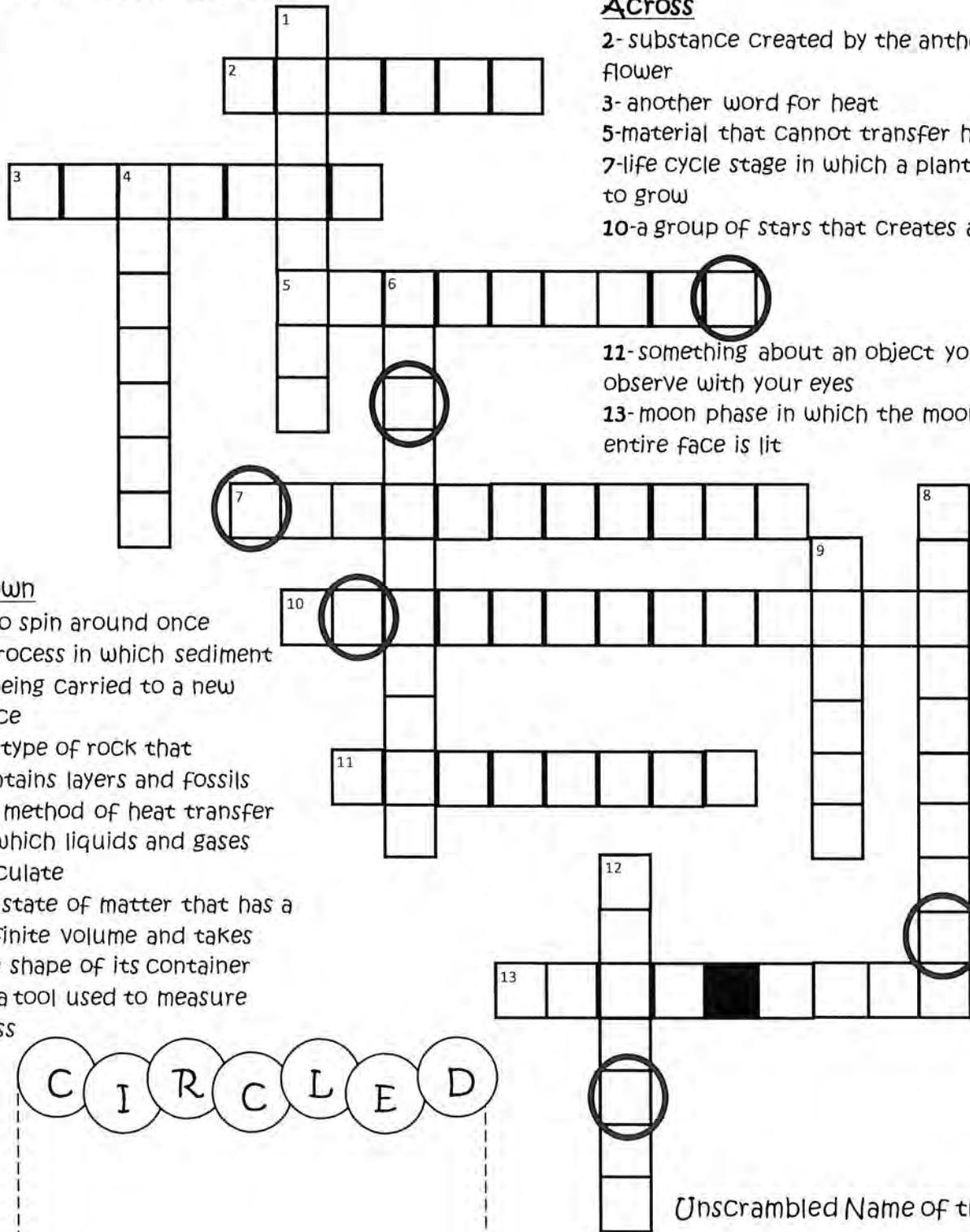
Start



Who Did It?

3

Use the clues to solve the crossword puzzle. Unscramble the circled letters to find another innocent suspect!

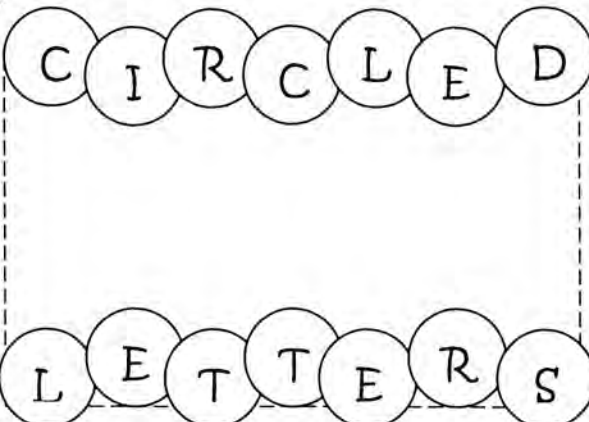


Across

- 2- substance created by the anthers of a flower
- 3- another word for heat
- 5- material that cannot transfer heat well
- 7- life cycle stage in which a plant begins to grow
- 10- a group of stars that creates a pattern

Down

- 1- to spin around once
- 4- process in which sediment is being carried to a new place
- 6- a type of rock that contains layers and fossils
- 8- a method of heat transfer in which liquids and gases circulate
- 9- a state of matter that has a definite volume and takes the shape of its container
- 12- a tool used to measure mass



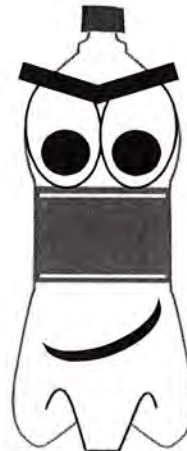
Unscrambled Name of the
Innocent Suspect:

Who Did It?

Each letter of the alphabet has been assigned a number. You must write the letter that matches each number in the blank above it. The final sentence will reveal our final innocent suspect!

A-1 B-2 C-3 D-4 E-5 F-6 G-7 H-8 I-9 J-10 K-11 L-12 M-13 N-14 O-15 P-16
Q-17 R-18 S-19 T-20 U-21 V-22 W-23 X-24 Y-25 Z-26

19 8 5 13 1 25 2 5 16 15 12 12 21 20 9 14 7 15 21 18
5 1 18 20 8 2 21 20 2 18 9 4 7 5 20 9 19 20 15 15
5 24 3 9 20 5 4 6 15 18 19 21 13 13 5 18 20 15
19 20 5 1 12 1 14 21 13 2 18 5 12 12 1



There is only one suspect remaining and their name is:

Was your prediction correct? _____

Now that you have helped the police catch the thief,
we will get our recycling bins back!