



ACTIVITY BOOK

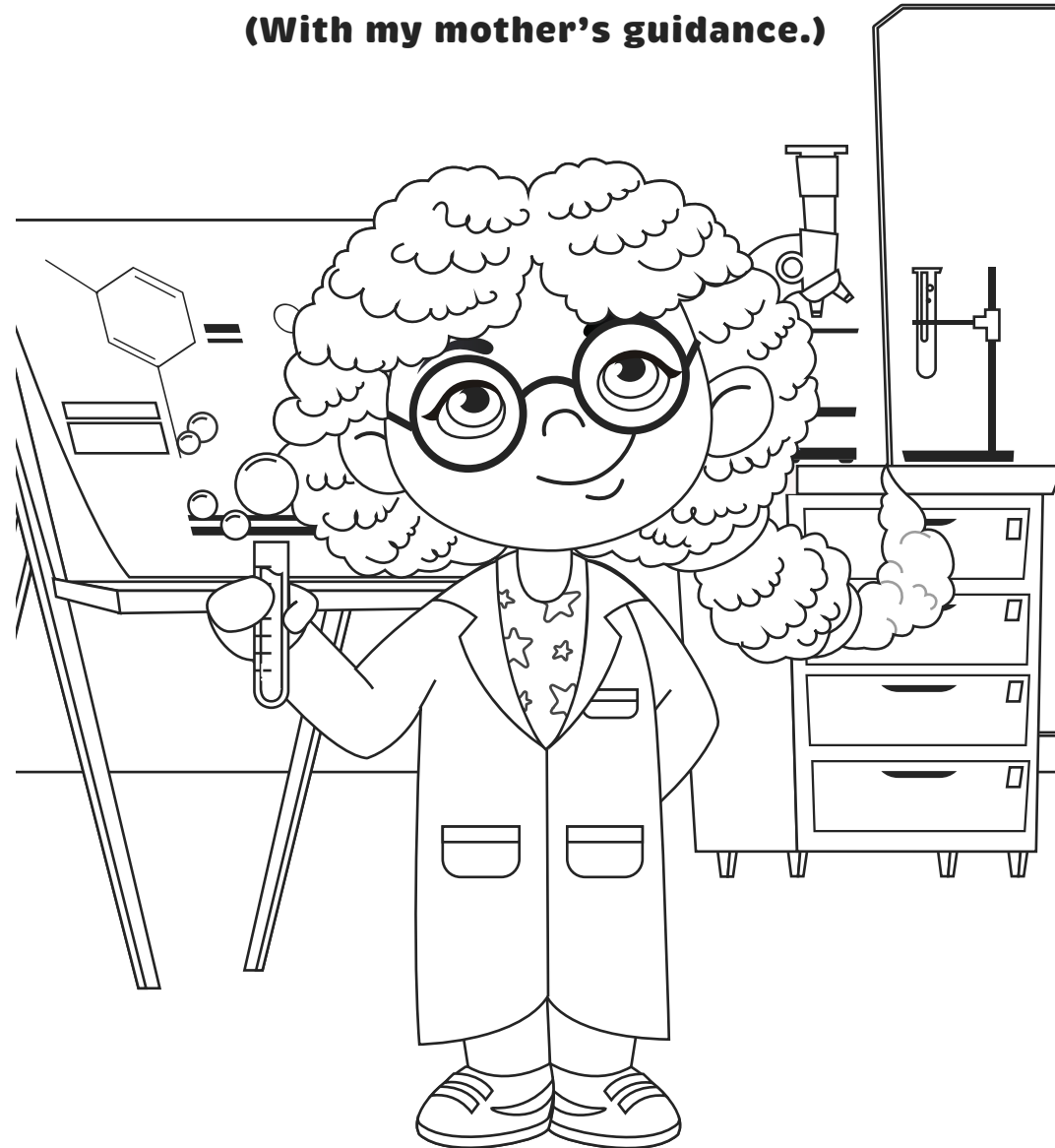


Hi, I'm Iris,

I really like science.

I mix up lots of formulas

(With my mother's guidance.)



**My mom's a grown-up scientist
Who works inside a lab.
We experiment at home, too
And I think she's pretty fab.**



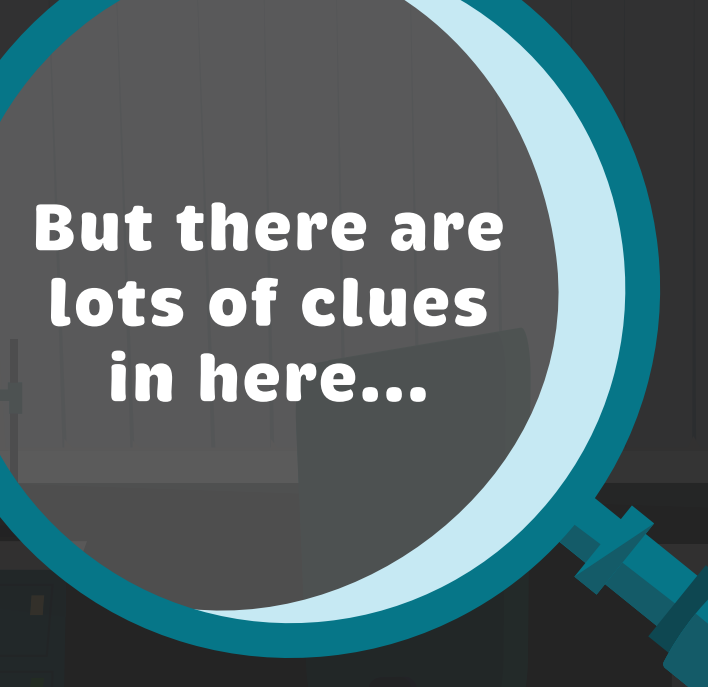
**I also like pretending
I can conjure brilliant spells
To send me on adventures
(You can come along, as well!)**



**Once I flew on a unicorn
All around the stars
And once I was a driver
In a race of fast, fast cars**

**Today I plan to go on a
Very special trip
Do you know where I'm heading?
I won't let the secret slip!**

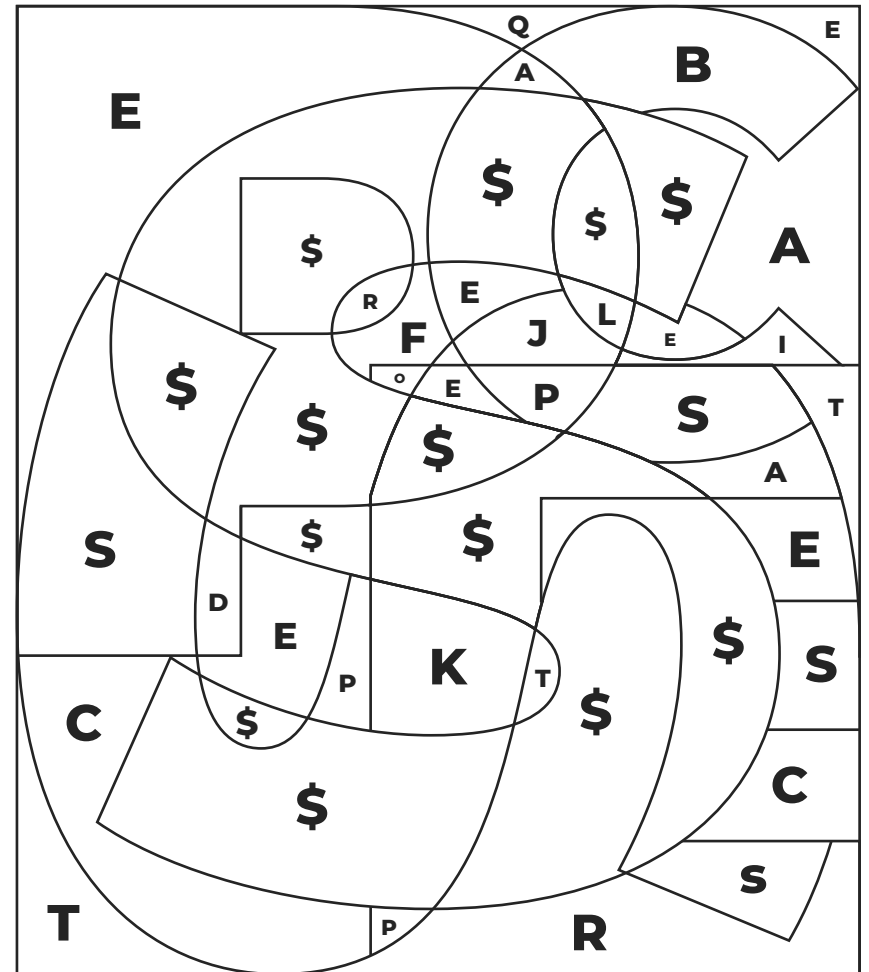




**But there are
lots of clues
in here...**

**...Of where I just might be
So pay very close attention
And soon you'll be with me!**

Color in all the dollar signs to reveal your first clue!



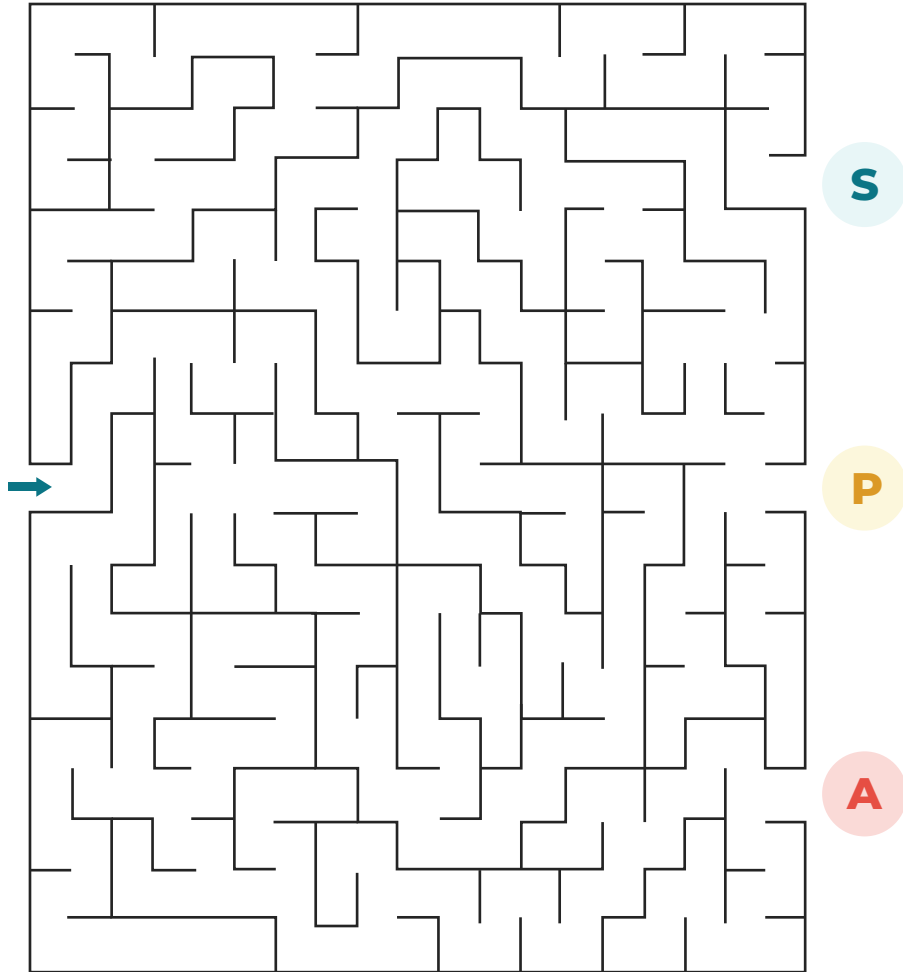
CLUE #1 = _____



Iris knows...

We call dollars **"paper money,"** but the *currency* is actually made up of **75% cotton and 25% linen.**

Follow the maze to the correct end point and discover your next clue!



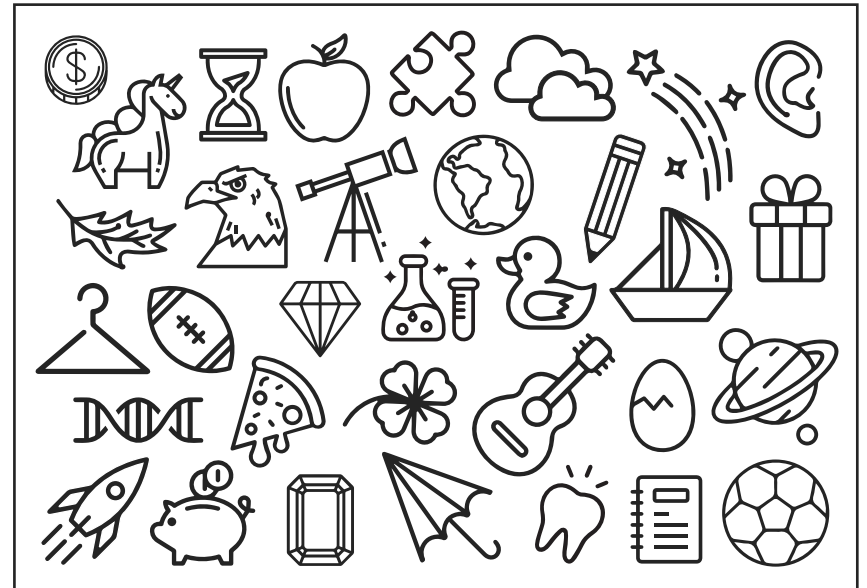
CLUE #2 = _____



Iris knows...

This letter also appears on the **Periodic Table** in Science and stands for **Phosphorus**.

Find the hidden pictures



What letter do all the pictures have in common?

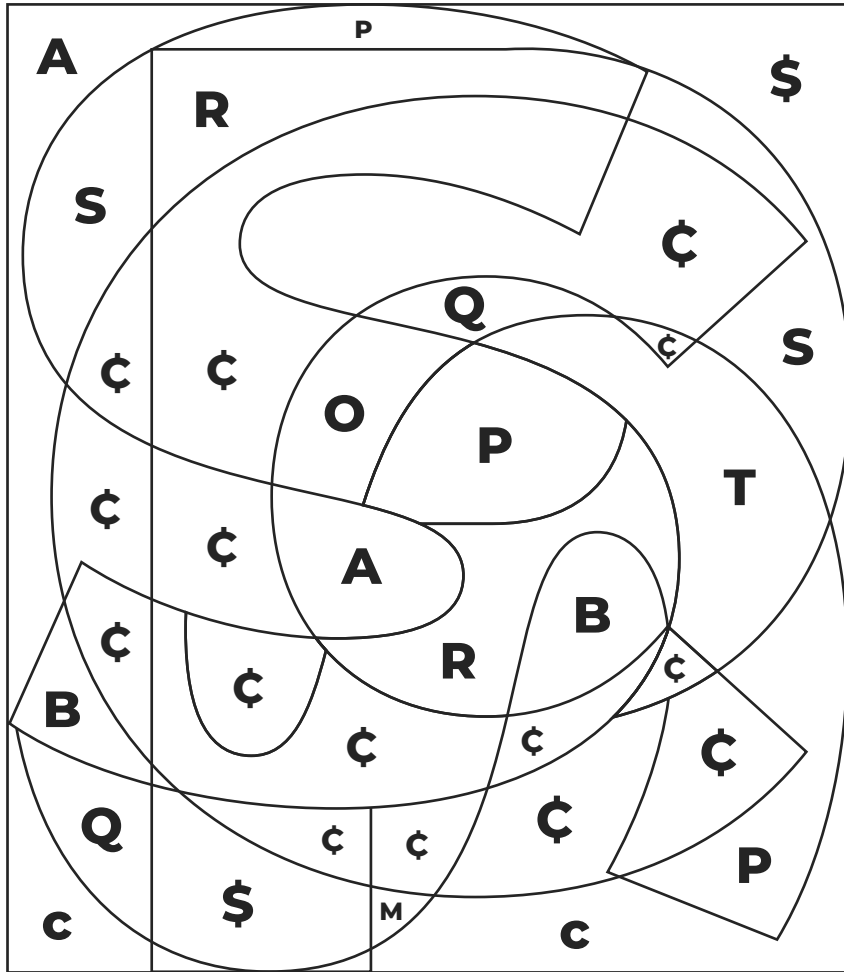
CLUE #3 = _____



Iris knows...

This letter is the **most frequently** used letter in the English language, showing up in **11%** of words.

Color in all the CENT symbols to find your next clue!



CLUE #4 = _____



Iris knows...

A penny costs **more** to make than it's worth! In 2021, the U.S. Mint spent more than **2¢** to make and distribute **each penny**.

What are the 3 differences between the two images of Iris?



What letter do all 3 differences have in common?

CLUE #5= _____



Iris knows...

Humans have "**opposable thumbs**" which allow us to touch the tips of other fingers - fingerprint to fingerprint. Other primates like apes and monkeys also have opposable thumbs.

What are the missing letters in all the following words?

Plants, animals, and trees are all part of:

N _ TU _ E

What do we breathe in and out?

_ I _

What animal flies in the sky?

B _ _ D

What planet do we live on?

_ A _ T H

What happens to water when it becomes ice?

F _ EE _ E

What missing letter do all the words have in common?

CLUE #6 = _____



Iris knows...

Humans breathe **oxygen** produced by trees.
Trees need **carbon dioxide** produced by humans.

D	N	A	E	T	A	O	C
I	R	I	S	V	L	W	A
A	O	R	E	K	A	E	B
G	A	M	M	A	B	E	O
R	A	Y	S	Q	G	U	V
A	Z	X	A	N	J	H	A
M	S	I	R	P	P	A	L

How many of each vowel did you find?

A = _____ O = _____

E = _____ U = _____

I = _____

Which letter showed up the most?

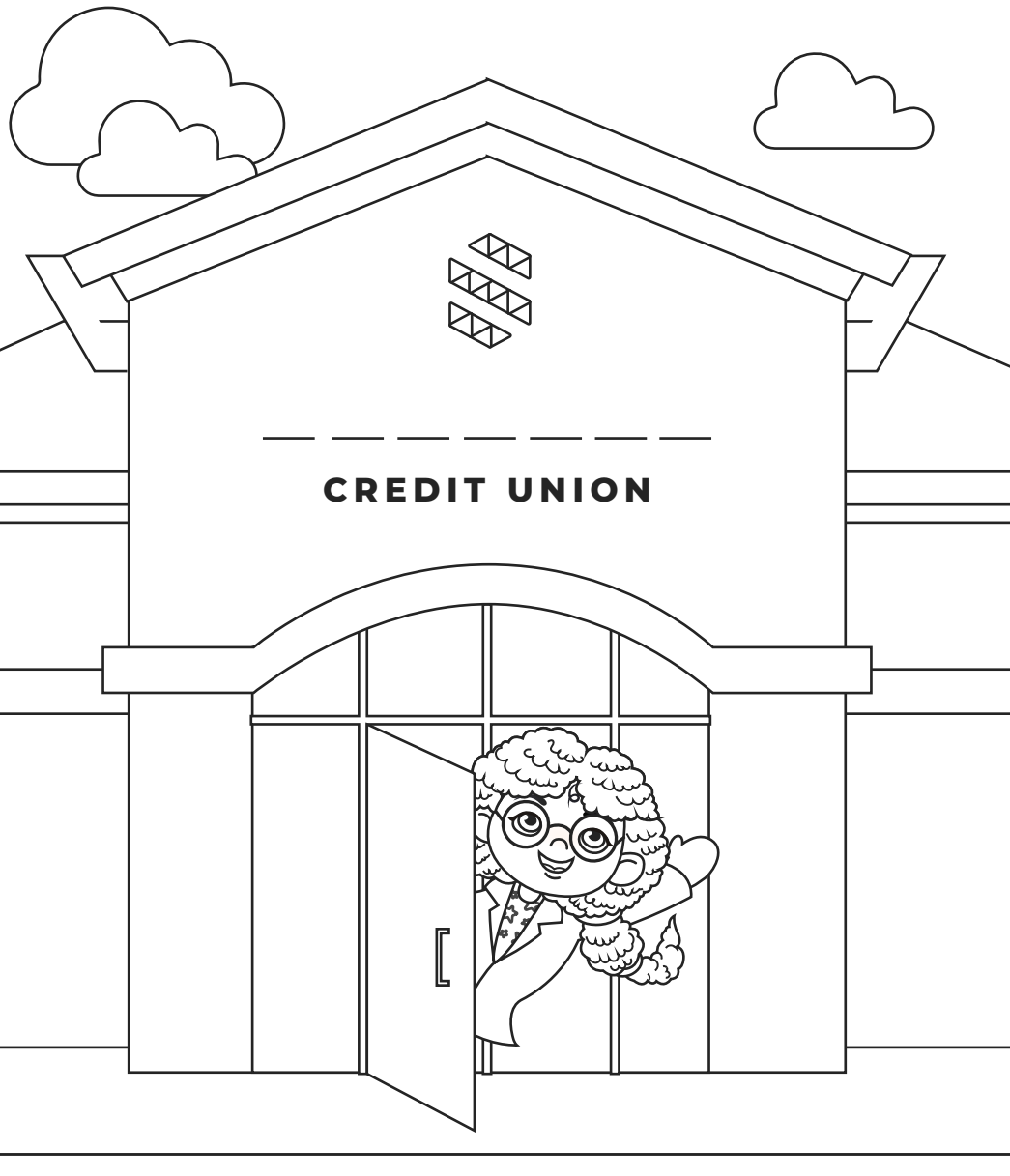
CLUE #7 = _____



Iris knows...

In math, the number that shows up **most frequently** in a list is called the **MODE**.

**Put all the clues together to
spell the secret word!**





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