

MY SCIENCE JOURNAL

STEP 4: COMMUNICATION



Name _____

VOCABULARY

Communication:

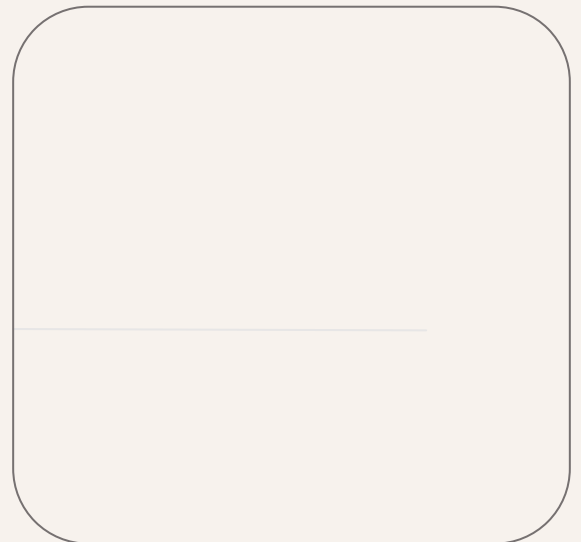
Sharing information, feelings, or ideas with someone else, like talking, writing, or using gestures.

Do you remember the first three steps of the scientific method? First, we make observations, next we ask questions and problem solve, and then we collect data. The final step of the scientific method is to communicate or share with others what we have learned.

It is important for scientists to share the results of their experiments. They can write, create pictures, or speak to others.

1. What is your favorite way to share your thoughts and ideas?

My favorite way to share thoughts and ideas is





SEE IT!



Reese and Caily use the scientific method to solve problems in their world and Confetti. Let's explore each step of the scientific method with them as they help solve a 'fishy' problem!

Observation

2. What do Caily and her sister Edie notice about their fish Fabio?

They notice

Asking Questions & Solving Problems

3. What does Caily wonder about Fabio?

Caily wonders

4. How do Caily and Edie think they can help Fabio?

They think



Collecting Data

5. On the back of this worksheet, draw a picture of what Reese and Caily see in the Foldscope?

6. What do Reese and Caily use to collect data about Fabio the fish's water?

They use _____

Communication

7. What is making the fish sick?

_____ is making the fish sick.

8. How does Reese communicate how to help Fabio the fish to Caily and Edie?

What does Reese share?

Reese communicates by _____

She shares _____

BE IT!

Now it is your turn to practice all the steps of the scientific method, making observations, asking questions and discovering problems, collecting data, and communicating with others. With an adult, find a different safe space to explore. This could be a room in your home, your backyard, a park, or any safe place.

Observation

You may also use the back of this piece of paper to draw.



8. What do you see?

I see _____



9. What do you hear?

I hear _____



10. What do you smell?

I smell _____



11. Is it safe to touch the things around you? If so, what do they feel like?

The _____ feels like _____

Asking Questions & Solving Problems

I wonder why

Why are there only 4 plants?

I wonder what

I wonder who

Who left this here?

12. What do you wonder about your space?
This is a great way to form questions.

What is it made out of?

I wonder when

How long has it been here?

I wonder how

How does it grow?

Collecting Data

How many plants do you see?

How many animals do you see?

How many people do you see?

Remember it is ok if you do not see plants, animals, or people.

13. Does any of the data help answer any of your questions?

The data about _____
helps me answer _____



Communication

14. You need to communicate your data with someone. How will you share your data?

Make a speech, create a poster, or draw a picture to teach your class about your data.

15. What is something else that you want to share about your space?

I want to share _____

