

MY SCIENCE JOURNAL

STEP 2: ASKING QUESTIONS & SOLVING PROBLEMS



Name _____

Observing the world around us can often make us wonder about it. Remember, observation is paying close attention to something to get information. Do you remember what we use to observe things?

Our senses!

When we wonder about something, we ask questions to help us understand it. Asking Questions is the second step of the scientific method. In science, we ask questions about things we don't know the answer to but want to find out. We ask questions to help us solve problems.

VOCABULARY

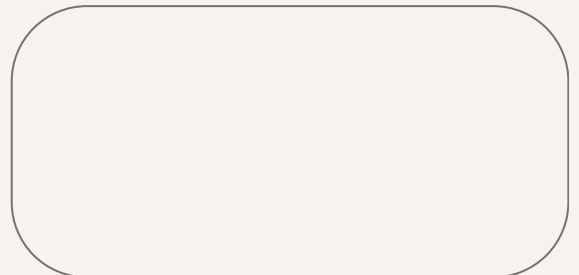
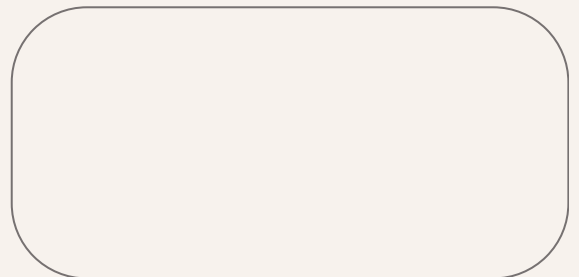
Question:

To look for information about something.

1. What is a problem you have solved, and what is a problem you would like to solve?

A problem I have solved is

A problem I would like to solve is



SEE IT!

After making observations, Reese and Caily like to ask questions and solve problems. Let's explore what they observe, the questions they ask, and the problems they solve!

Observation



2. What do Caily and Reese use paper airplanes for?

Caily and Reese use airplanes _____

3. What do Caily and Reese notice about paper airplanes when they fly them in the classroom and in the bedroom?

Caily and Reese notice

Asking Questions & Solving Problems



4. What problem with the paper airplane are Caily and Reese trying to solve?

Caily and Reese are trying to _____



5. Caily and Reese visit Confetti's Annual Flying Machine Fair. What question do they ask Professor Seymour about his airship?

Caily and Reese ask _____

6. In Confetti, Caily and Reese learn they need a radio controller for their airplane. What question do they ask Jax about putting a controller on their airplane?

Caily and Reese ask _____

7. Caily and Reese's questions helped them come up with a solution. Describe the final solution.

BE IT!

Now it is your turn to practice your observation and asking questions skills. It is important to practice our skills many times. With an adult, find a different safe space to explore. This could be a room in your home, 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?

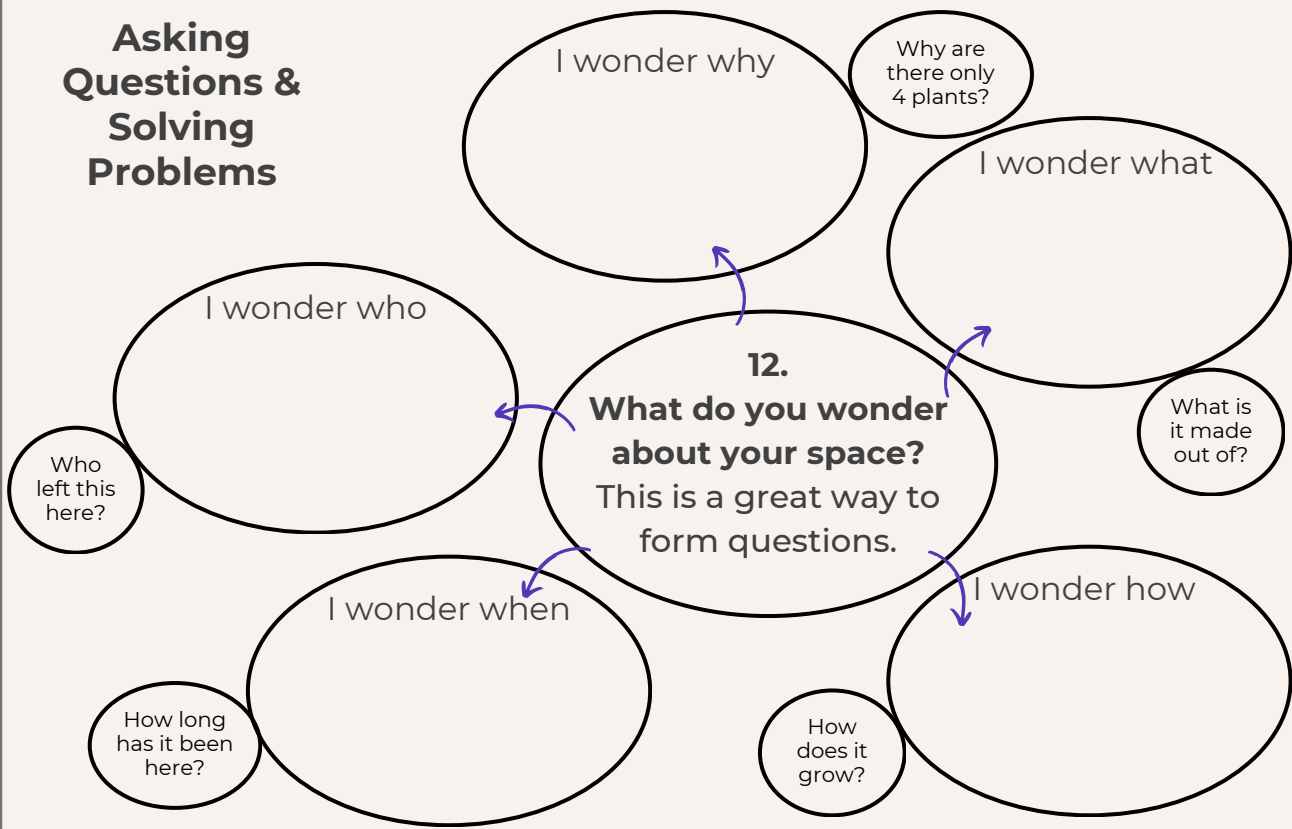
I smell _____



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

The _____ feels like _____

Asking Questions & Solving Problems



13. Caily and Reese ask Professor Seymour and Jax questions to help solve their problem. Who do you ask for help when trying to solve a problem?

I ask _____ for help.

14. How might the questions you asked help solve a problem in your space?

The questions might help solve a problem by



Collecting data (or information about something) is the next step in the scientific method. Look at your questions about your space. **What might you do to help answer those questions?**

I should _____



_____ to help me answer my questions.

