

STUDENT WORKSHEET

STEP 2: ASKING QUESTIONS & SOLVING PROBLEMS

Name _____



Observing the world around us can often cause us to 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.

What is a problem that 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



What do Caily and Reese use paper airplanes for?

Caily and Reese use airplanes _____

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

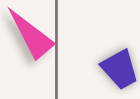


What problem with the paper airplane are Caily and Reese trying to solve?

Caily and Reese are trying to _____

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

Caily and Reese ask _____



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 _____

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/problem-solving skills. It is important to practice our skills many times.

How Far Can Your Plane Travel?

What did you change on your plane to make it travel far?

Draw your new plane below.

Make Your Plane Do Tricks!

What tricks did your plane do?

Draw your new plane below.

What did you change on your plane to make it do tricks? _____

