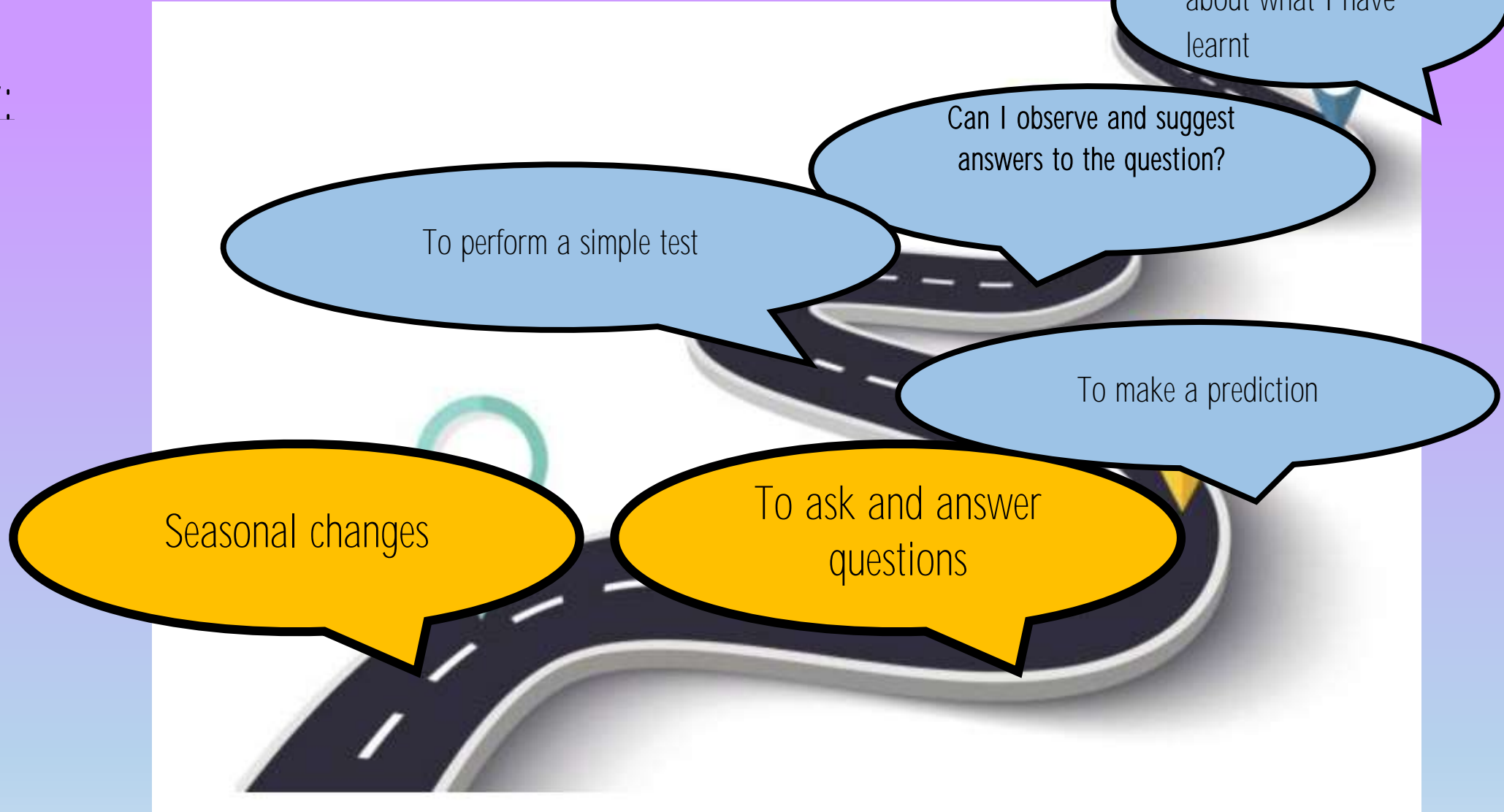




Working Scientifically Week 2

Our Science Learning Journey – Working Scientifically

Key vocabulary:



Can I work scientifically?

This half term we will be carrying out simple experiments and tests. We will ask and answer questions, make predictions (guess), record our findings and suggests ways to answer questions.

Tuesday 27th February 2024



LQ: Can I ask and answer questions?

Steps to Success



All: I can ask a simple question.

Most: I understand what a prediction.

Some: I can comment on a science experiment.

Star words



experiments



predict



Observe

LQ: Can I ask and answer questions?

Today we are going to watch a science experiment. In this experiment Ryan is going to put eggs in different liquids. He will wait one day and see if the liquid has changed the colour of the eggs overnight. He will use vinegar, coke, orange juice, coffee and water.



vinegar



coke



orange juice



coffee



water

First we are going to make a prediction about what we think will happen to the eggs.

TP: What is a prediction?



Before the start of the experiment or test, scientists usually make a **prediction**. This is a **scientific guess** about what you think will happen and what the result of the experiment will be when you have thought about what you already know that might help.

TPs – *Which liquid do you predict will change the egg's colour? Why?*



[Eggs in different Liquids science experiments!!! \(youtube.com\)](#)

Ryan has carried out a fair test.

A fair test is when you make sure everything stay the same except for the thing that you are testing.



Ryan made sure it was a fair test because he used the same size eggs, same glasses and poured the same amount of liquid on each glass.

The only thing that was changed was the type of liquid he used. This is because he was testing to see the effect the different liquids had on the eggs.

Self assessment

Do you understand what a fair test is?



TPS:

What did you observe?

What is a prediction?

What does fair test mean?

How did Ryan carry out a fair test?

What did Ryan find out?

Let's watch the experiment again and answer these questions.



vinegar



coke



orange juice



water



coffee

Self assessment

Do you understand the task?



Record child's voice for blurb page.