



Working Scientifically
Week 5

Our Science Learning Journey – Working Scientifically

Key vocabulary:

questions

predict

observe

test

experiments

fair test

result

Seasonal changes

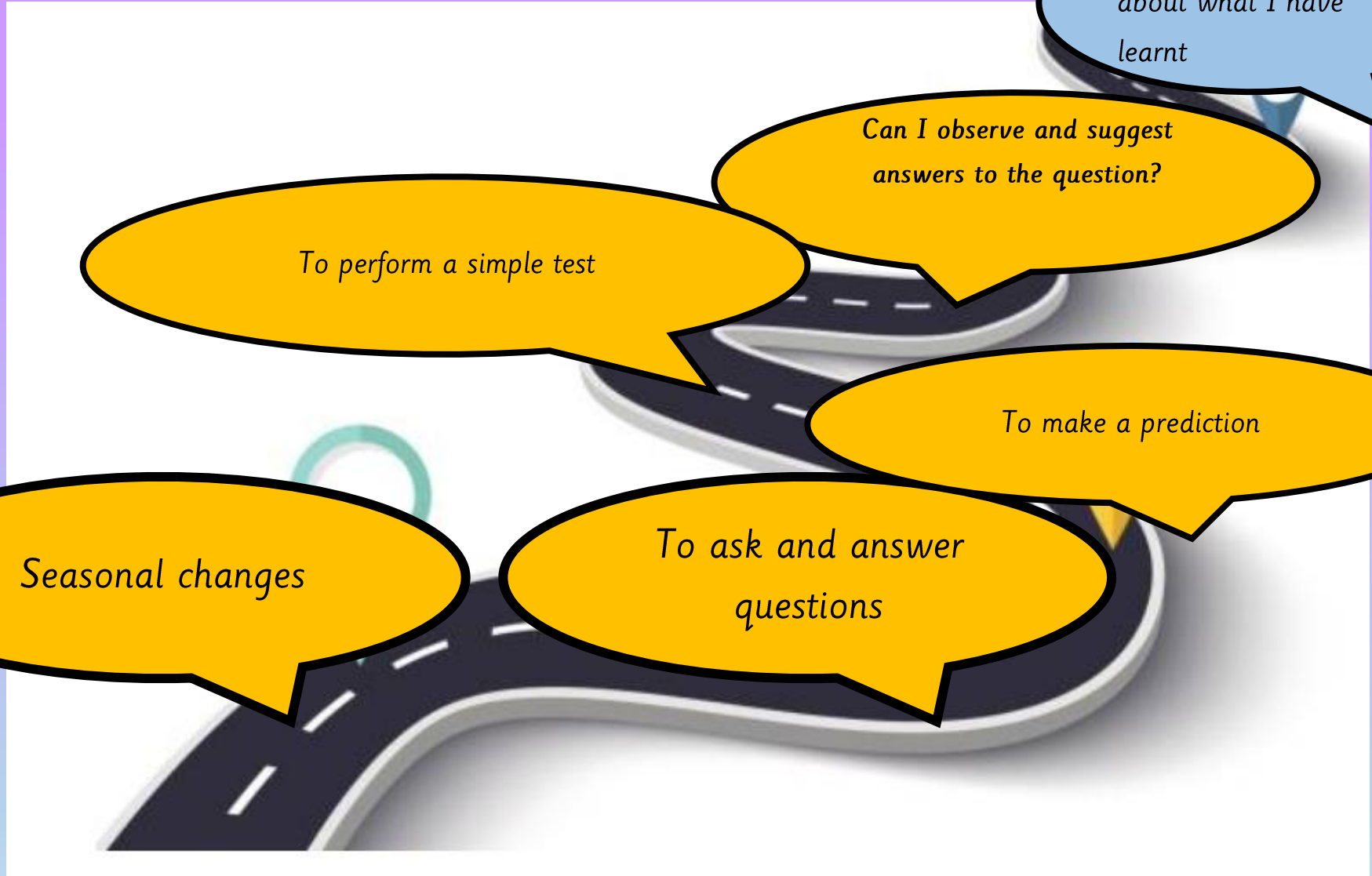
To perform a simple test

To ask and answer questions

Can I observe and suggest answers to the question?

To make a prediction

To answer questions about what I have learnt



Monday 23rd March 2026



LQ: Can I observe and suggest answers to the question?

Steps to Success

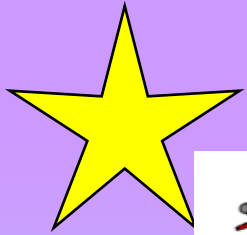


All: I can observe an experiment.

Most: I can use my observations to answer a question.

Some: I can explain my reasoning.

Star words



predict



observe



bubbles



bubble wand



TP: Are all bubbles round?



Stem sentence:

Yes all bubbles are round because...

No all bubbles are not round because...

Today we are going to perform an experiment to find out if all bubbles round. We will make wands with pipe cleaners in different shapes to answer our scientific question *'Are all bubbles round?'*



You will need:

pipe cleaners



bowls or pots



washing up liquid



water



Make a wand with the pipe cleaner. Make sure the wand head is a 2D shapes (not a circle).

Self assessment

Do you understand how to
wand?



Use your wand to carry out the experiment to observe and test if all bubbles are round, even when the wand head is a different shape. Then write what you find out.



I found out that all bubbles are _____.

Self assessment

Do you understand the
what to do?



Assessment

All: I can say the names of different weather types.

Most: I can describe the weather related to the 4 seasons.

Some: I can ask a question related to weather and seasons.

1. *What are the four seasons in the year?*
2. *What season are we on?*
3. *What's the weather like in Winter?*
4. *How does the material change when it's frozen?*
5. *What is freezing point?*
6. *What is the best way for ice to melt?*