



Working Scientifically
Week 4

Our Science Learning Journey – Working Scientifically

Key vocabulary:

questions

predict

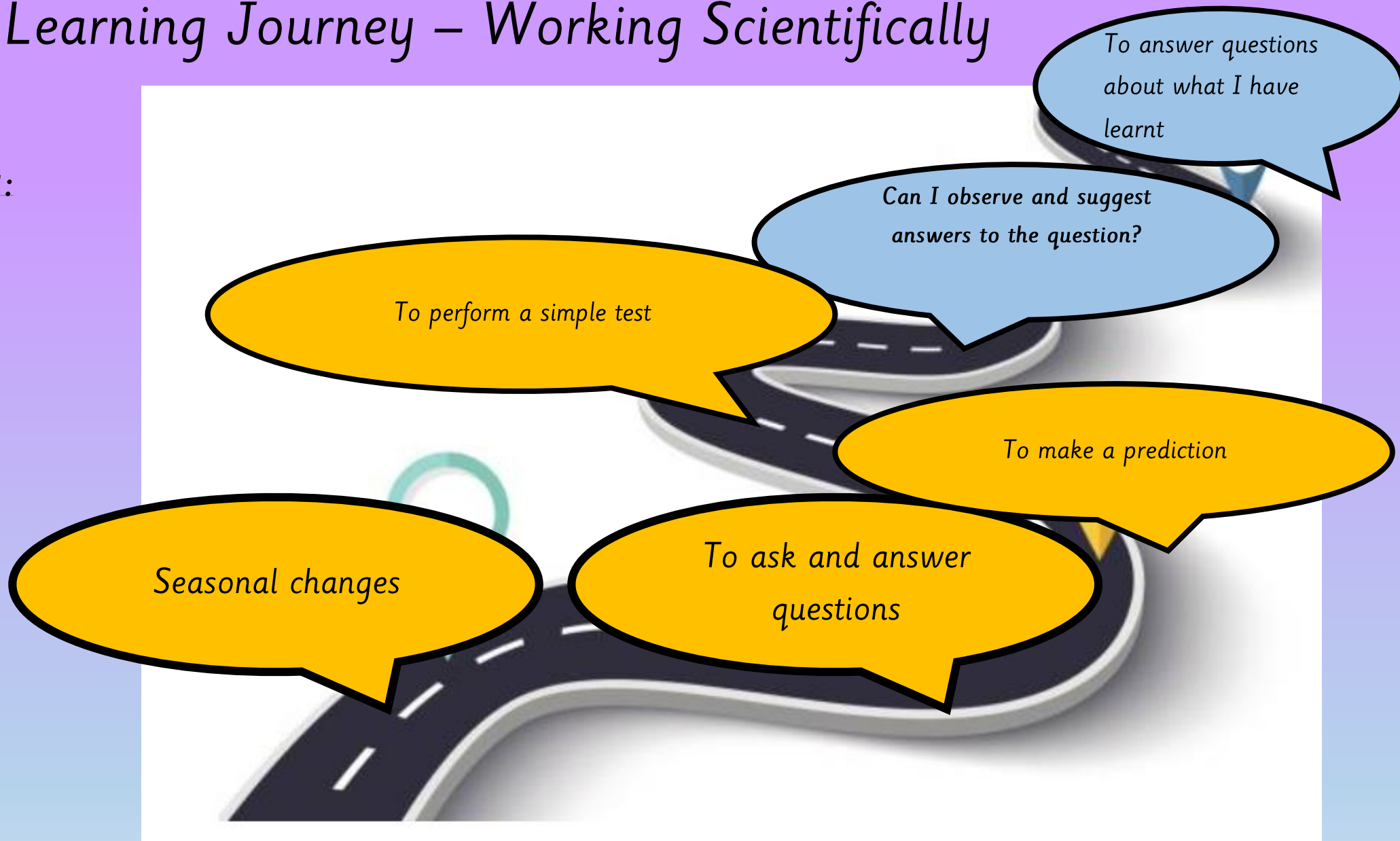
observe

test

experiments

fair test

result



Tuesday 12th March 2024



LQ: Can I perform a simple test?

Steps to Success

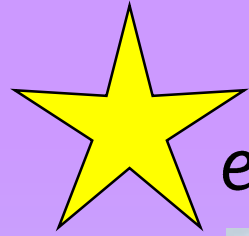


All: I can perform a simple test.

Most: I can make sensible predictions.

Some: I can comment on my findings.

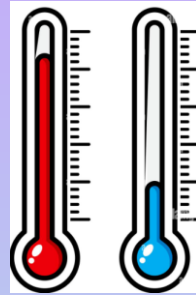
Star words



experiment



temperature



predict



melt/melting

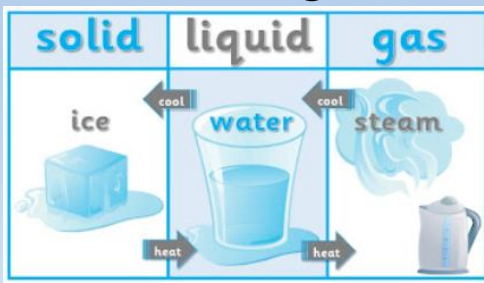


ice

heat



change



observe



This week will be working scientifically to perform a simple test. We are going to predict and investigate the quickest way to melt ice.



TP: What does prediction mean?

What do you think will happen to the ice?

*Prediction is a **scientific guess** about what you think will happen.*

*TP - What is freezing?
How do things become frozen?
Can materials freeze without
water?*



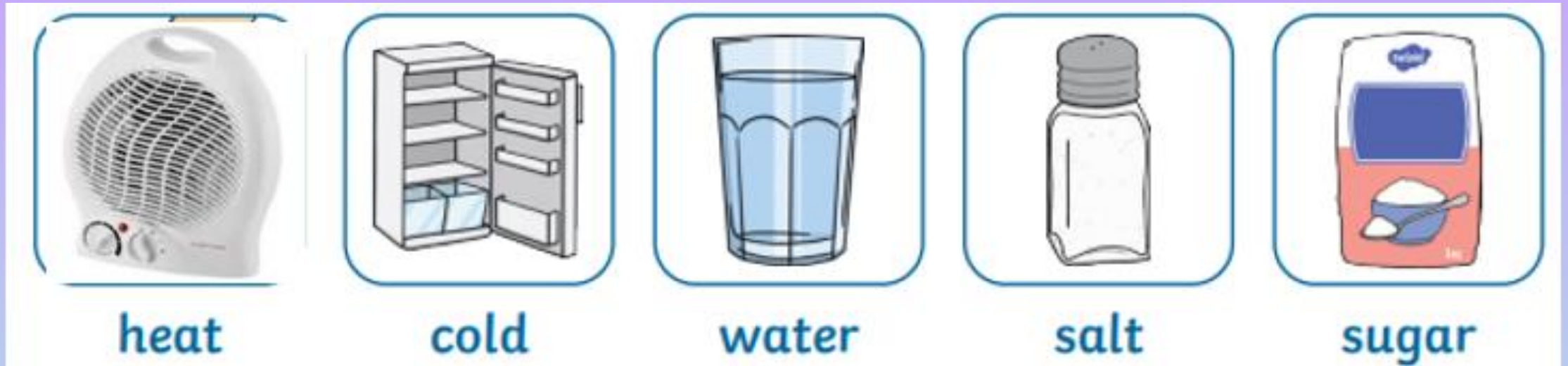
<https://www.youtube.com/watch?v=zz23BquFgDY>

Self assessment

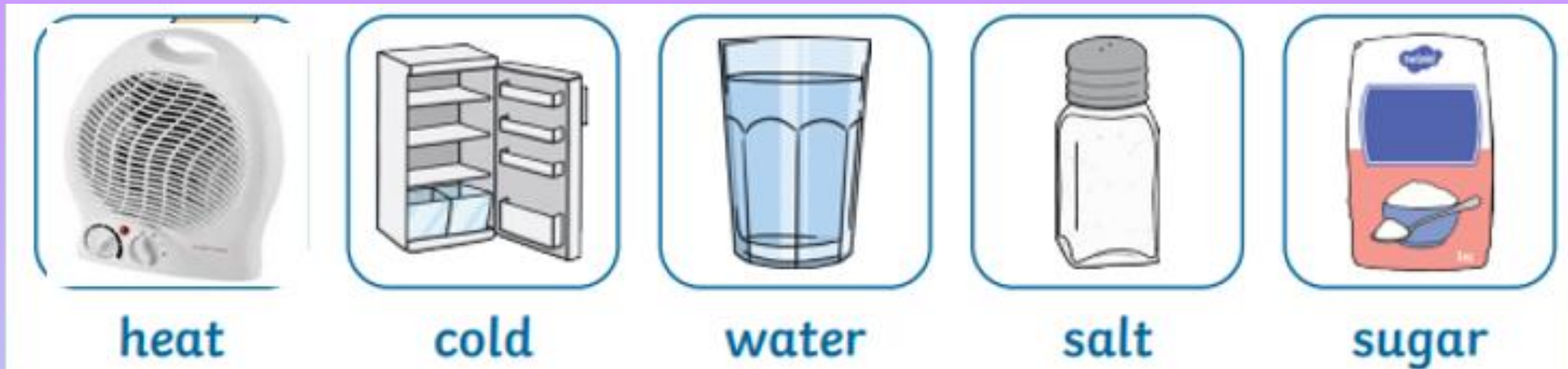
Do you understand what
freezing means?



We are going to test which method is the quickest way to melt ice.
To make it a fair test, we need to use the same duration of time and
use the same sized ice.



TP: Which will melt the ice the quickest?



Sentence starter...

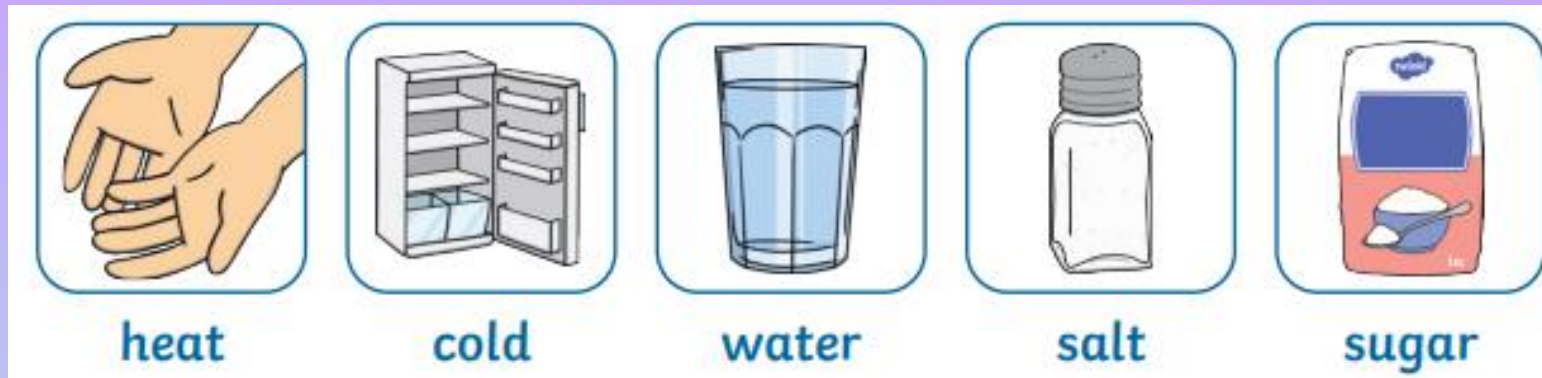
I predict the _____ will melt the ice quickest.

I predict the _____ will melt the ice the slowest.

Let's test our predictions.

We need to remember to time each test for 1 minute.

Now write what you have found out.



I found out the _____ melted the ice quickest.

I found out the _____ melted the ice slowest.

Self assessment

Do you understand what to do?

