

# Explosive Experiments

Horrible Science

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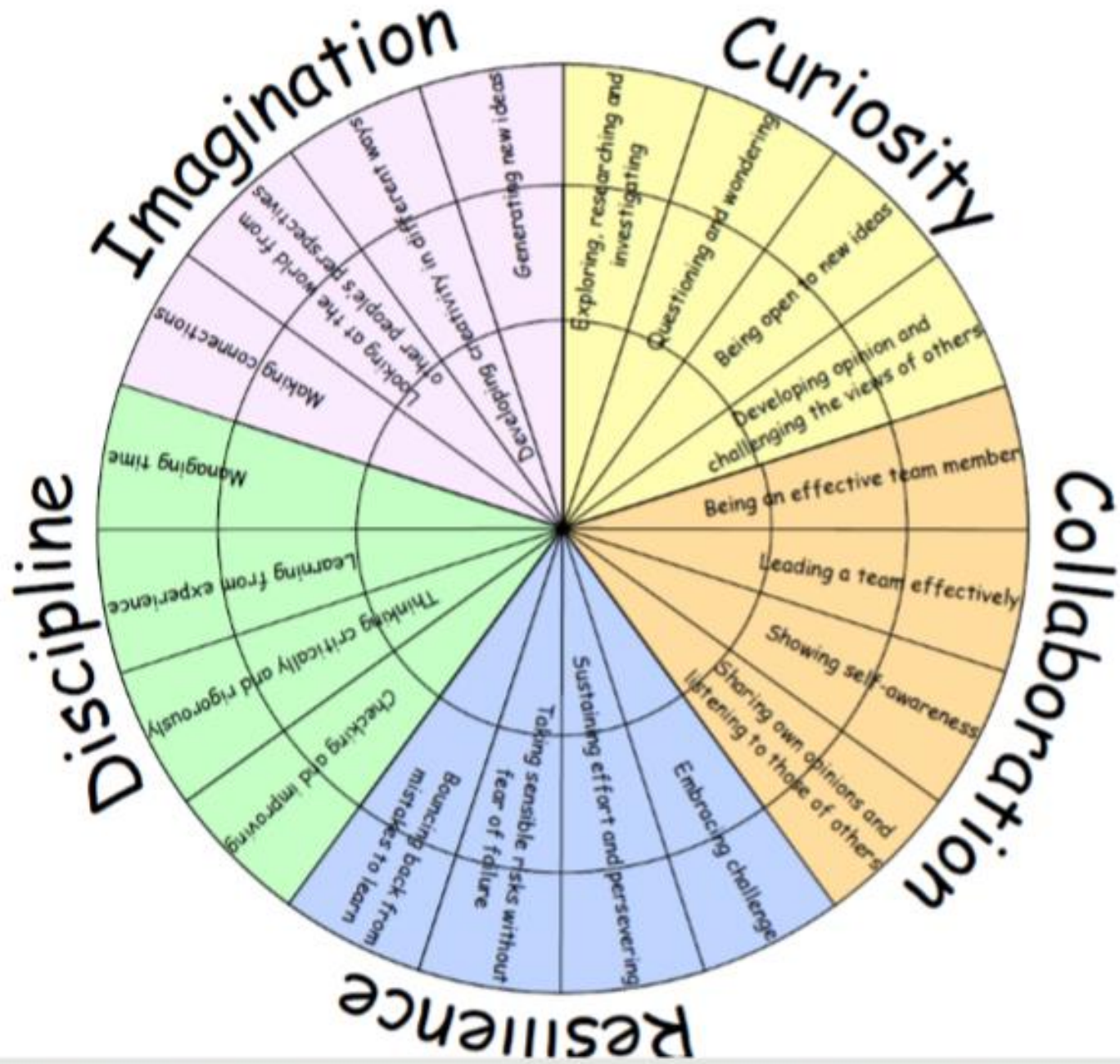
From these experiments you should now know: some materials will dissolve in liquid to form a solution and we can recover (get back) some of these materials. So, if you happen to turn your freezer off by mistake, don't panic. Even if all the ice melts, it is a reversible change. This is just one of the many horribly amazing facts that you have learnt from conducting these experiments.

We can't be sure what scientists will discover next and which experiments will produce great discoveries. But one thing is certain: experiments are the most powerful method humans have ever devised for solving the mysteries of life, the world and the universe. Scientists will never explain everything because a good experiment highlights new questions that need to be answered by - yes, you guessed it - more experiments! Science is an endless journey into the unknown. Experiments are like lamps, which show the way further and further into the dark. And if you think that sounds horribly frustrating and horribly mysterious, you're right. It is. But it's also horribly funny.

Here's a final piece of horribly funny advice from our experts. Have you ever had a secret urge to pick your nose? You probably already eat enough of it! Every day you swallow over two cups of snot. I prefer a nice cup of tea myself.

Which is the colon, bracket  
and dash?

: - (



**LO: Use brackets**

Which learning habits do you think we will need to use today?

Examine:

From these experiments you should now know: some materials will dissolve in liquid to form a solution and we can recover (get back) some of these materials.

Why is there a colon in the sentence?

Why have brackets been used in this sentence?

Identify:

From these experiments you should now know: some materials will dissolve in liquid to form a solution and we can recover (get back) some of these materials.

The colon tells the reader that the part of the sentence after the colon explains more about what was said before the colon. In this example the colon tells the reader that materials dissolving in liquid is what they should now know.

The brackets have been used to tell the reader that **recover** means **get back**. This definition is an extra piece of information and the brackets allow the reader to pause and understand its meaning before reading the rest of the sentence.

Apply:

Use the sentence below. Pick a word. Think of a definition for this word. Add the definition to the sentence using brackets.

**We can't be sure what scientists will discover next and which experiments will produce great discoveries.**

**CHALLENGE:** Come up with your own scientific sentence. Include brackets and a colon.