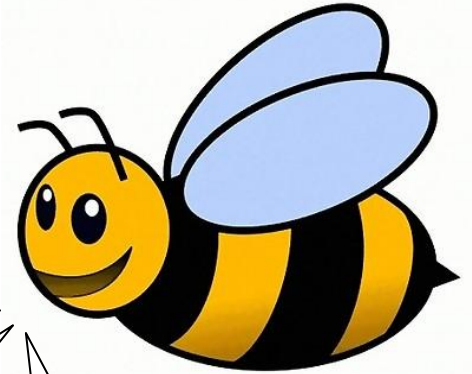


Reasoning



When you use this learning muscle, you...

- Create logical arguments.
- Spot flaws in other people's arguments.
- Deduce what might happen.
- Look for evidence.

Ways that we can foster the skill of Reasoning:-

- Structure experiences / activities so children have to work out a conclusion from facts or clues which only give them some of the information.
- Structure the process of reflection to help children think through a problem logically.
- Involve children in thinking critically about how and why changes to a context have impact.
- Use precise language for thinking: analysing, comparing, judging, critiquing, deducing, inferring, concluding, reappraising etc.

Call up your logical and rational skills to work things out methodically and rigorously; constructing good arguments and spotting others' mistakes.

Some language pointers!

If it's like this here, what might it be like there?

What can you deduce from this?

Which of these things fit together? Why?

That's a very good reason.

Can you find anything that shouldn't be here? What makes you think that doesn't fit?

Can you think it through in clear steps from start to finish?

Let's take it a step at a time... what might be the next step? And the next? Is there anything that we need to do first?

How many reasons can you find for that?

How have you come to that conclusion?

What evidence can you find to support your case / argument?

Which thinking tool will help us solve this puzzle? Some clear thinking going on here – well done!