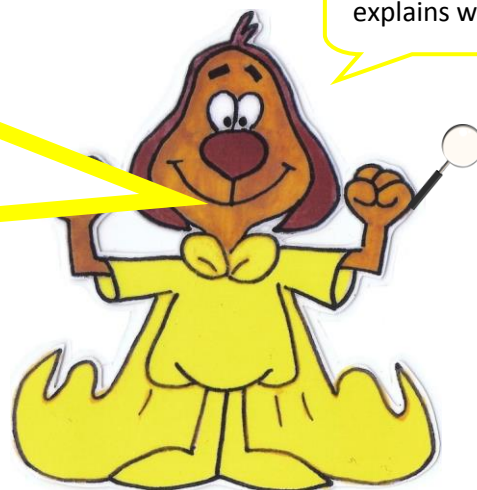


Reasoning

Thinks and explains why

When you use this learning muscle you....

- Create logical arguments
- Spot our own and /or others' mistakes
- Deduce what might happen
- Look for evidence
- Work things out methodically and rigorously
- Are aware of other's viewpoints



Our aim is to be a detective or an archaeologist looking for clues

What evidence do we have?

What reasons can I give?

Could there be another explanation / different point of view

- Responds appropriately to prompts
 - 'What comes first?',
 - What's next?,
 - What then? etc.
 - Able to sort objects using one or more criteria
- Can respond appropriately and talk about their thinking when asked "Why do you think that?"
- Can talk about their thinking
 - 'What were you thinking when you did/ wrote that?'
 - 'What makes you say that?'
 - 'Why do you think that is?'
- Is able to give a simple explanation of :
 - what they are doing
 - what they have done
 - why they did it like that
- "How do you think your writing/ learning went today?"
- Able to give reasons for their choices in activities such as 'Odd one out'
- Given opportunities to solve open- ended problems
- Uses talk to organise, sequence and clarify thinking
- Can give a step by step explanation of how to carry out a simple task
- Can explain simple ideas using the words 'because' or 'so that' etc
- Able to voice opinions and ideas
- Be involved in simple reasoning puzzles – able to construct simple rules for the purpose of solving problems
- Able to join in with philosophical discussions (taken from stories , would you rather games)
- Can say why something wouldn't work - showing recognition of cause and effect
- Have opportunities to agree/ disagree true / false scenarios
- Able to keep trying different ways / ideas if difficulties/ uncertainties arise

What might happen if ...?

Can you explain how you did that?

What might you do next?

I wonder why that happened?

Well done, that's a good reason.

You explained that really clearly.

Let's think it through step by step.

How did that help you?

Why do you think ... is a good/not good idea?