

Graphic Organiser

Thinking Processes – Using the language of thinking

REASONING, PROCESSING AND INQUIRY

CREATIVITY

REFLECTION, EVALUATION AND METACOGNITION



THINKING ABOUT THINKING



How Does It Work? This tool will help you to understand the different types of thinking you go through as you effectively work through a problem.

KEY ELEMENTS TO THINK ABOUT

- Work through the problem from the bottom left part of the brain (KNOWLEDGE) in a clockwise direction through to CREATION.
- Use the words in the bubbles to prompt you in the type of thinking required at each step.
- Highlight the type of thinking that you used.

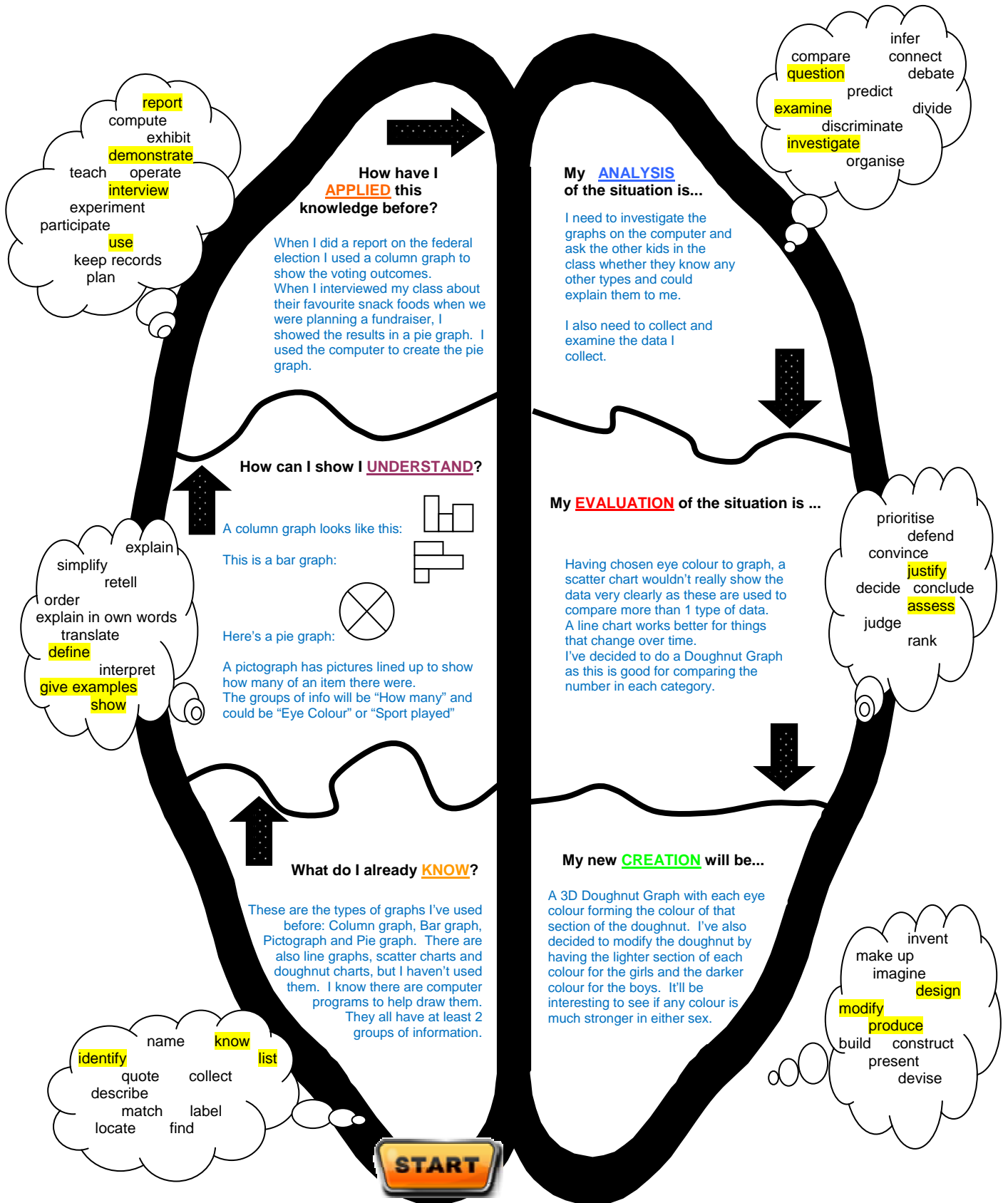
Don't hesitate to ask your teacher if you don't understand some of the words – it will help you complete the task.

TASK

You have two double lessons to use the resources in the room (books, computers, teacher and peers) to graphically represent our classroom population using a form of graphing that you have not used before. The criteria on which you base your data is entirely your choice. It may be based on age, sex, height, star signs etc. However, you must work through (and record) all steps of the “Thinking about Thinking” graphic organiser in achieving the final result. Try to be creative in your final presentation.

Look for the “Brainy” solution on the next page.

Graphic Organiser – Thinking About Thinking



Use the language of thinking in each part of the brain diagram to work your way through the problem, from your existing **KNOWLEDGE**, through to **CREATING** a better situation.