Describe

What is happening?

What can you see?

What is there?

How is it used in other subjects?	Exam question: Mathematics	What skill is being tested?
English - characters Geography/RE - places, processes History - events Science – reactions Business – methods of payment DT – existing products	Describe the transformation	The ability to write about what you see accurately
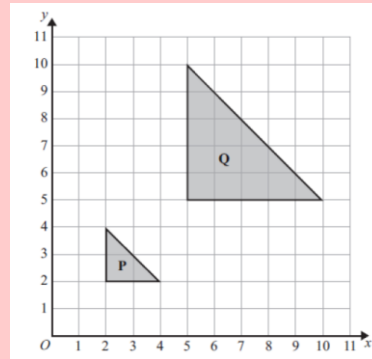
Identify

Find the right bit(s) of information

What is its name?

What is its state?

How is it used in other subjects?	Exam question: Mathematics	What skill is being tested?
Geography – key processes English – themes in texts Business – advantages / disadvantages of financial ratios DT – target market Science – parts of a skeleton	Identify the square numbers in the list below: 3, 4, 7, 9, 12, 16, 25	The ability to get information from a text.

Infer

Read between the lines
Explore the meaning

How is it used in other subjects?	**Exam question: Mathematics**	**What skill is being tested?**
English – information about characters	A sample is taken from the 2006 residents of Throne County.	The ability to make conclusions using evidence, when the facts are not given directly.
Science – rates of reactions from graphs	What can you infer about the general population?	

Favorite genre of music	Number of citizens
Country	25
Rock	38
Oldies	11
Other	6

Explain

Why is something happening?

Why is something true?

Give reasons and justify answers

How is it used in other subjects?

Geography – management strategies, case studies
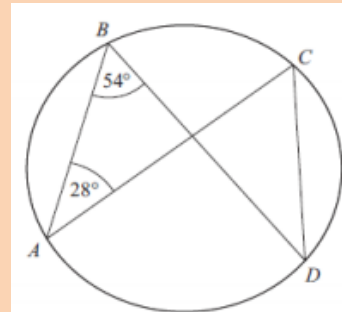
English – effects of historical contexts

DT – material selection

ART – the plan for a design

Exam question: Mathematics

Find the size of angle ACD.

Explain how you got your answer.

What skill is being tested?

The ability to communicate your thinking clearly.

The ability to communicate your thinking in detail.

Formulate

Build and create

How is it used in other subjects?	Exam question: Mathematics	What skill is being tested?
Business – profit margin equations DT – a design	The cost of a taxi ride (C) is equal to a fixed charge of £2 plus £0.50 for each mile travelled. If the number of miles travelled is given by m, formulate an equation to express C in terms of m.	The ability to create or work out something

Calculate

Work something out using Mathematics

How is it used in other subjects?	**Exam question: Mathematics**	**What skill is being tested?**
Chemistry – mass of a substance	Calculate the product of 5.2 and 1.4	The ability to use mathematics to solve problems.
Physics - speed		
Product design – circumference and areas of circles		
Business – financial ratios		

Summarise

What are the main points?
(This is the short version)

How is it used in other subjects?	Exam question: Mathematics	What skill is being tested?
Geography – key processes English – meaning of poems, plots DT – research areas	The weights of ten cakes are given below. Summarise the data using averages. 15g, 23g, 23g, 23g, 24g, 25g, 25g, 26g, 28g, 30g.	The ability to identify the key points and to present them in a condensed way.

Support

How can you back up what you are saying?

Give evidence

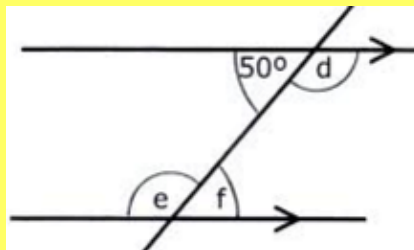| **How is it used in other subjects?**	**Exam question: Mathematics**	**What skill is being tested?**
Geography – evidence in case studies English – use of quotations, P.E.E DT – material choices	What are the values of the angles d, e and f? Support your answers with reasons. 50° d e f	The ability to give reasons and evidence for what you are saying.

Analyse

Break it down

Explore effects

Use the information

How is it used in other subjects?	Exam question: Mathematics	What skill is being tested?
Geography – effects of hazards English – use of language Business – financial documents DT – existing products Science – results tables	Analyse the following numbers: 3, 7, 14, 6 What is the mean?	The ability to apply your knowledge and understanding to information you are given.

Compare

How are things alike?

How are things different?

Is one thing greater than another?

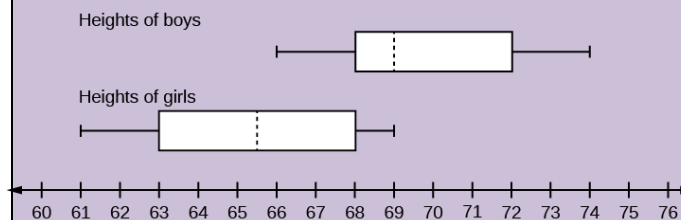**How is it used in other subjects?**

Geography – one storm hydrograph to another

English – themes in poems

Business – profitability of companies

Exam question: Mathematics (Box plots)

Compare the heights of the girls to the heights of the boys:

Heights of boys

Heights of girls

60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

What skill is being tested?

The ability to spot the **similarities** and **differences** between two or more things.

Contrast

How are things different?

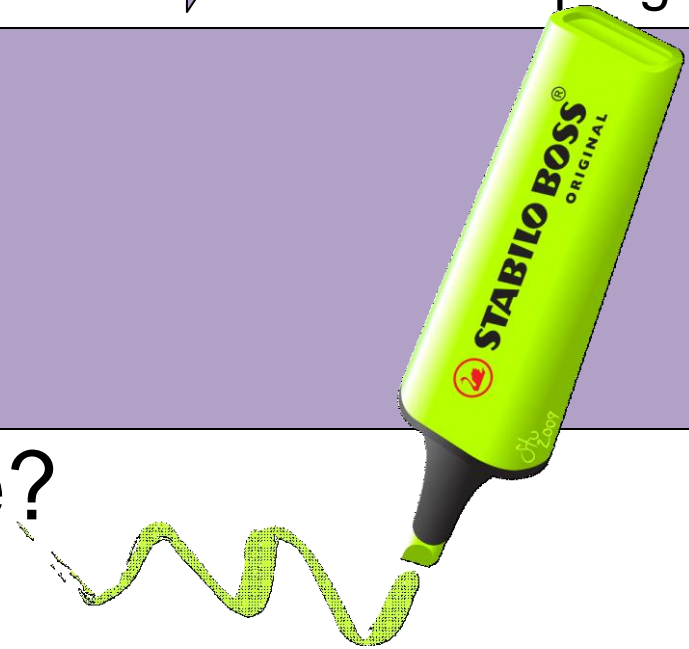| How is it used in other subjects?	Exam question: Mathematics	What skill is being tested?
Geography – two sets of population pyramids English – themes in poems DT – existing products Science – endo- and exo-thermic reactions ART – the work of different artists	Contrast the catering results for the boys and the girls. Boys | Stem | Girls 3 2 1 1 0 | 7 | 1 2 9 6 5 3 0 | 6 | 0 1 1 1 2 3 4 5 9 8 | 5 | 7 9 Key 5|7 =57%	The ability to spot the **differences** between two or more things.

Predict

What will happen in the future?

How is it used in other subjects?

Geography – how hazards will affect developments

English – endings of novels

Business – business performance

Science – future concentrations of CO_2

Exam question: Mathematics

Predict the number of times a fair dice would land on a six if it was rolled 42 times.

What skill is being tested?

The ability to use your knowledge and understanding to say what might/will happen in the future.

Evaluate

Make judgements based on what you have read and seen.

Work something out.

How is it used in other subjects?

Geography – sustainable management strategies

English – writer's message

Business – success

DT – products and performance

Science - methods

Exam question: Mathematics

==Evaluate== the expression

2a + 3b

when a = 5 and b = 4

What skill is being tested?

The ability to make judgements based on information.

The ability to come to conclusions.

Prove

Show that something is true

How is it used in other subjects?	**Exam question: Mathematics**	**What skill is being tested?**
Further Maths – circle theorems, trigonometrical identities, factor theorem	Prove that $(3n + 1)^2 - (3n - 1)^2$ is a multiple of 4, for all positive integer values of n.	The ability to show something is true for all situations.