

This half term I am studying:

Unit ___ and Unit ___



How to guide on Dr Frost and your KO

Scan the QR code to take you to your course overview.

← Select this half terms units.

Click on the topic you wish to revise.

Revise by watching the videos, practising the key skills or completing exam questions.

Remember, points mean prizes!

Every two weeks, the Dr Frost leadership board is updated with the top three students who will win 10 visas each

At the end of every half term the top five students will win the following rewards:

1st Place - £10

2nd Place - £5

3rd Place- 20 visa points

4th Place- 15 visa points

5th Place- 10 visa points

The more independent work you complete, the more points you win!

Mathematician of the half term

Answer the questions at the bottom and take your answers to your maths teacher to win 5 visas

Pythagoras
c.570 – c.495 BC

A Greek philosopher and mathematician. Founder of the Pythagorean brotherhood that gave us the famous Pythagorean Theorem.

"There is geometry in the humming of the strings.
There is music in the spacing of the spheres."

A cartoon illustration of Pythagoras, an elderly man with a long white beard and hair, wearing a white tunic and sandals. He is holding a large right-angled triangle in his left hand and has his right hand to his chin in a thoughtful pose. A speech bubble next to him says "But what is my theorem??". The illustration is set within a decorative, scalloped border.

Answer:

Mathematics Careers

WHEN
WILL I
EVER NEED
MATHS?

The text "WHEN WILL I EVER NEED MATHS?" is written in large, bold, black capital letters on a light blue grid background. The letter 'I' in "WILL I" is replaced by a red paintbrush with a white bristle tip. The letter 'A' in "MATHS" is replaced by a pair of silver compasses. To the right of the word "NEED", there is a small rainbow-colored graphic.

Well, you might have to use it in Art...

- Use **transformations** and **symmetry** when creating a wallpaper design or printmaking.
- Use a pair of **compasses** to draw a **circle** and to **divide** it into six when creating a mandala.
- **Measure** lengths accurately when dividing up space or building a model.
- Understand **ratio** when mixing colours together to produce a new shade.
- Be able to draw **lines** accurately and use them to create the illusion of perspective.
- Understand **scale** and **enlargement** when creating a copy of a design.
- Use your knowledge of **nets** to create boxes and containers.
- Use **tessellations** to fill a space with a repeating pattern.

Maths has lots of applications and is a vital asset in many degrees and careers.

To find out more about where maths is used and maths-related careers visit:

www.mathscareers.org.uk

