

Reading:



Periscopes

A periscope is an optical instrument which is designed to help someone see around their surroundings above eye level.

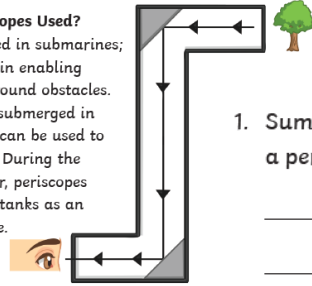


How Does It Work?

The simplest type of periscope contains two mirrors and a tube. The mirrors face each other, at each end of the tube, at a 45° angle. Light hits the top mirror and is then reflected down into the bottom mirror; the light is then reflected back into the viewer's eye.

Where Are Periscopes Used?

Periscopes are used in submarines; they are effective in enabling someone to see around obstacles. While remaining submerged in water, periscopes can be used to track other ships. During the Second World War, periscopes would be used in tanks as an observation device.



1. Summarise why someone may want to use a periscope in 30 words or fewer.

2. Find and copy one word which means the same as 'barriers'.

3. How does the layout of the text help the reader?

4. Why do you think submarines may remain submerged in water while using periscopes?

Mental Maths— answer the calculations using a mental strategy

- 1) 10×2.35
- 2) 100×5.985
- 3) 23,457 divided by 1000
- 4) 5.67 multiplied by 100
- 5) 432 divided by 100.

SPAG

Underline the conjunctions in the sentences below:

1. It was hot this morning and it was humid in the afternoon.
2. My dad said I can play football or I can play basketball.
3. My brother wanted to have vanilla ice cream but there was only strawberry ice cream left in the freezer.

Pick a challenge to complete this week.

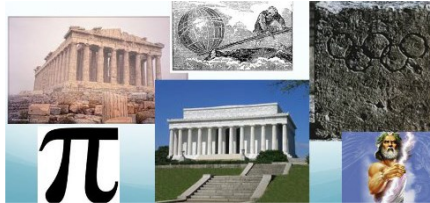
Art



Research a famous photographer and choose one of their pieces to recreate. This can be done using other objects, photomontage, drawing etc. Then take a photo of it using different filters on the camera.

History

Create a poster or a PowerPoint showing how Ancient Greece has influenced the modern world. Give examples of where this can be seen eg Buildings with Greek Columns.



Science

With a book move around your house into differently lit rooms— some darker and some lighter. Choose a page from your book, record how many words you were able to read in?

Explain why that is using a diagram and words.

What challenges did you have?



Music

What music do you play when you feel happy?
What about when you are angry? Are they different?
Put together a play list for different emotions.
I wonder if any of you have the same songs for the same feelings.



RE

If you are upset, what makes you happier?
Is there someone you go to that cheers you up?
Create a picture showing this.

Life's absolutely
Awesome
people light up
the room,
never realising just
how many lives
they touch.
Sometimes they need a
little card to remind them
that they are one of a kind,
and fabulous inside
and out.

Computing

Look at different websites and answer the following questions:

- What makes them good?
- Is it easy to find information?
- Do they look appealing?
- Are they child friendly or easy to use?
- What could make them better?



Year 6's
Home Learning

Homework due back on
Wednesday 20th November