

Home Learning



Year 6 Term 5 Week 2

Message from the class teachers

We hope you have had an good weekend.

This is our first full week and we have designed the learning so that you have a variety of activities that you can access at your own pace.

Do make use of the internet resources as well as keeping busy by doing physical activities.

Thank you for your continued support.

Reading

Hopefully you have access to books at home, but we have sent home extra books with your child.

Accelerated Reading

Home quizzing is not always recommended but in this case we have adjusted the settings to allow quizzing to happen at home.

If your child wants to read a book from home, please check that there is a quiz available for the book and that the book level (BL) is within or near to your child's reading range. Also take note of the quiz number for future reference.

To check books please visit: <https://www.arbookfind.co.uk/>



The Gruffalo

Donaldson, Julia

AR Quiz No. 203199 EN Fiction

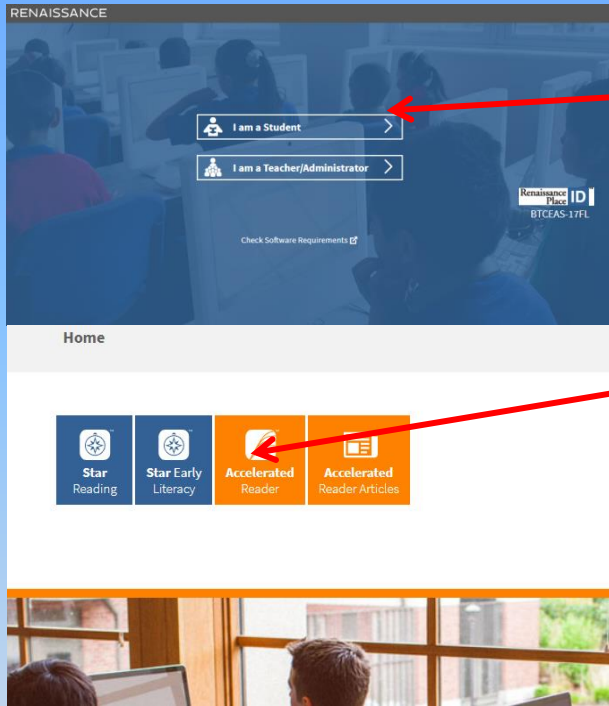
IL: LY - BL: 2.3 - AR Pts: 0.5

AR Quiz Types: RP, RV, VP

Go to the next page
for how to quiz.

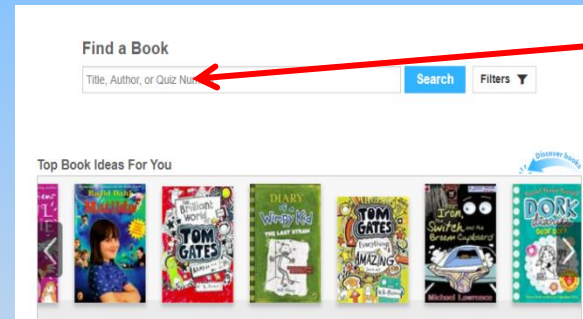
AR quizzing at home.

To log into AR to take a quiz please visit: <https://ukhosted27.renlearn.co.uk/2240835/>



Your child should know what to do from here and should know their login details. If they are not aware, most details are written in their reading record.

Click on Accelerated reader.



Type in the name the book or the quiz number.

We advise students complete quizzes unaided. If parents/carers wish to support their child, they can do so in the following ways:

- Discuss the book with your child as the book is being read
- Ask your child to read the question out loud
- Re-word questions for your child, if necessary
- Ask your child which answers are **not** correct

Visit <http://readon.myon.co.uk>



Life is Better When We Read Together

Schools may be closing, but reading doesn't have to stop. To help support teachers, students and parents to **'Keep the UK and Ireland reading'**, we are offering access to thousands of enhanced digital books through myON and articles from myON News.

Start reading! →

Learn more

myON links with both Star Reading and Accelerated Reader quizzes, and offers practical literacy tools and supports through myON Projects. To learn more about the benefits of full access to myON and five daily news articles from myON News, call us on +44 (0)20 7184 4040, email answers@renlearn.co.uk or visit: renlearn.co.uk/myON.

Learn more about myON and myON News

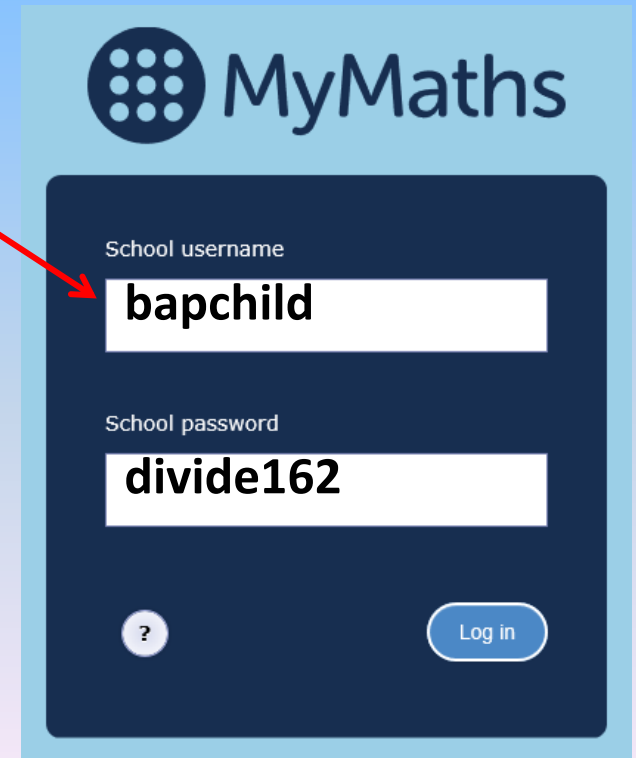
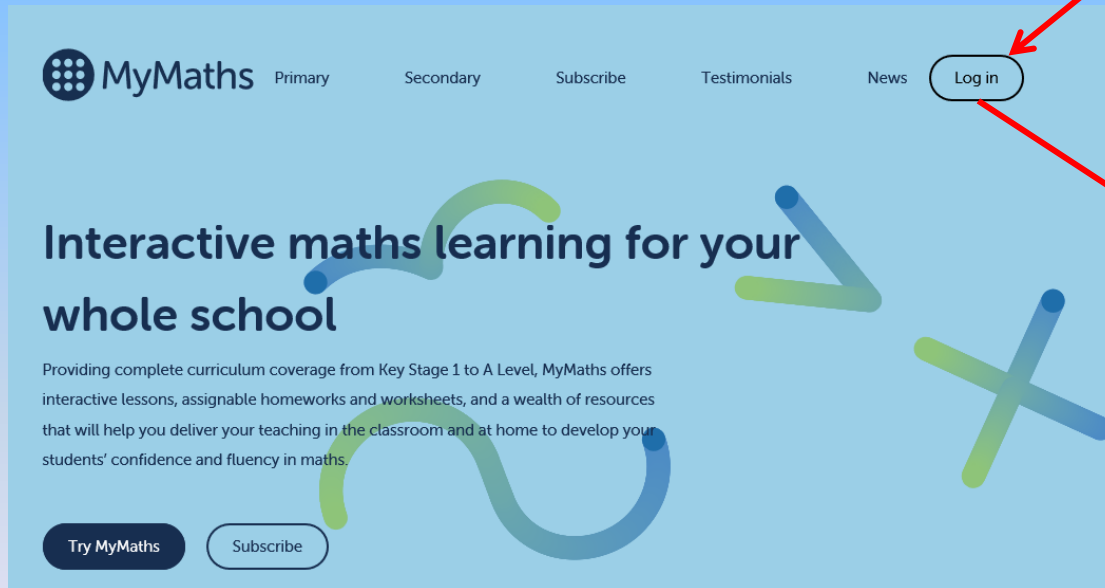
Choose an area that interests you or use the search option.

The screenshot shows the myON by Renaissance website interface. At the top, there is a navigation bar with links for myON by Renaissance, Library, News, Projects, and Read Together. Below this is a search bar with a magnifying glass icon and the word "Search". A red arrow points to the search bar. Below the search bar is a section titled "Browse Books By Category" with a green bar indicating "7,102 books". Below this are several category tiles, each with an icon, a title, and a book count. A red arrow points to the "Animals" category tile.

Category	Book Count
About Me	1,865 books
Animals	1,216 books
Genres	3,759 books
Hobbies & How To	330 books
Literacy Skills	325 books

Using My Maths

Children should know their way round My Maths but here are some reminders on how access the lessons. Visit: www.mymaths.co.uk



Using My Maths

The image shows the My Maths website interface. At the top, there is a dark blue header with a logo, 'Log out', 'Help', 'Assessment Manager', and a search bar. Below the header, the main content area is divided into a left sidebar and a main panel. The sidebar has a 'Select Curriculum' dropdown set to 'National Curriculum (Eng)', a 'Library' section with 'Latest' selected, and a list of topics: 'Number', 'Measurement', 'Geometry', 'Statistics', 'Booster packs', and 'fSkills'. The main panel shows 'Latest' content, including 'KS2 SATs booster', 'Bar model', 'Number', 'Measurement', 'Geometry', and 'Statistics'. A 'Worksheet' button is visible. A login overlay is shown on the right, with fields for 'My portal username' and 'My portal password', a 'Log in' button, and a link for 'Assessment Manager log in'. Red arrows point from the sidebar topics and the search bar to the login overlay, indicating navigation paths.

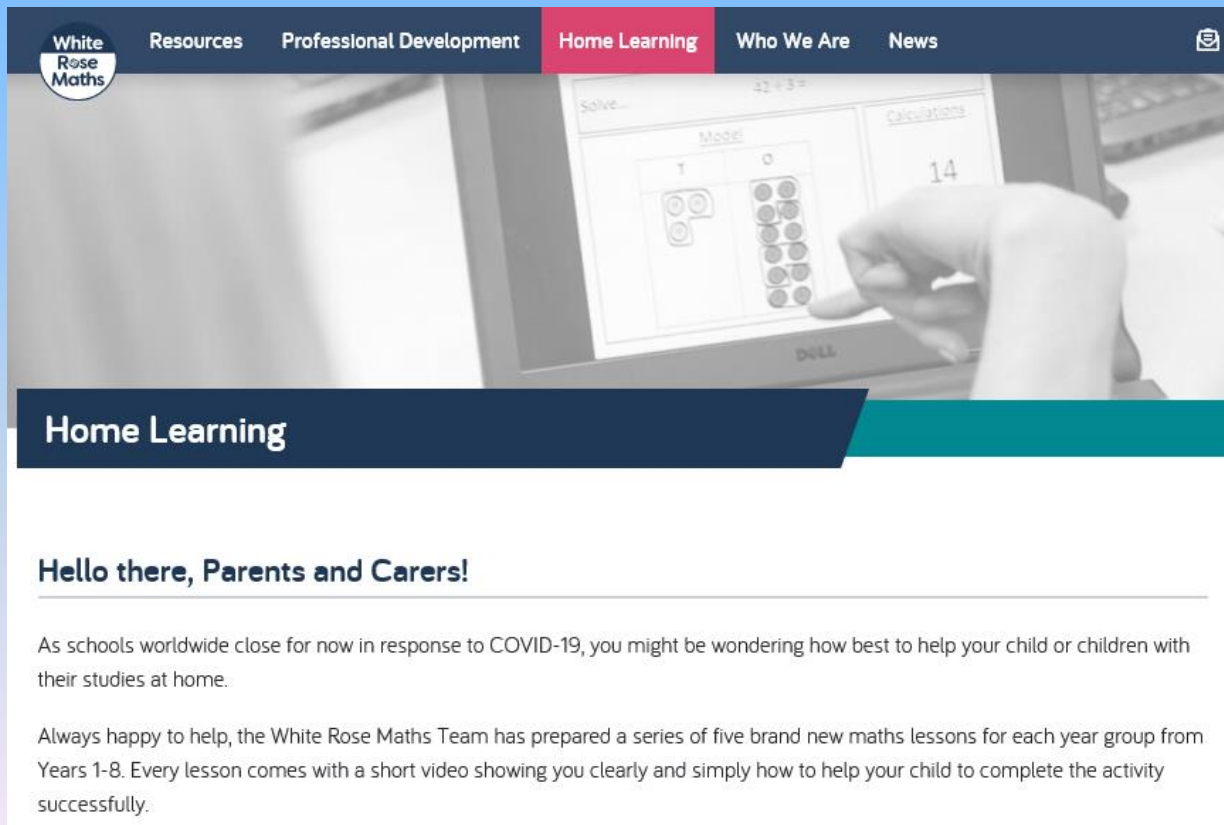
Access any lesson based on what your child is learning in class or search the topic in the search bar.

Use the login portal to access specific homework and lessons that your teacher has set.

Maths – White Rose Home Learning

In school we follow the White Rose scheme of learning. Their website has put together free lessons and resources that link to the learning taking place in school. Please visit:

<https://whiterosemaths.com/homelearning/>



White Rose Maths Resources Professional Development **Home Learning** Who We Are News

Home Learning

Hello there, Parents and Carers!

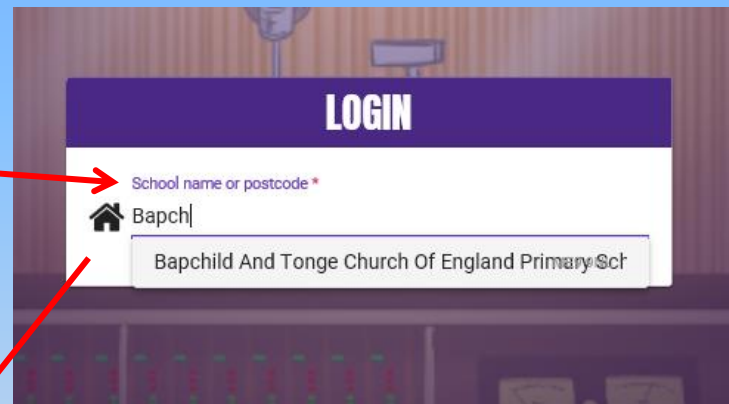
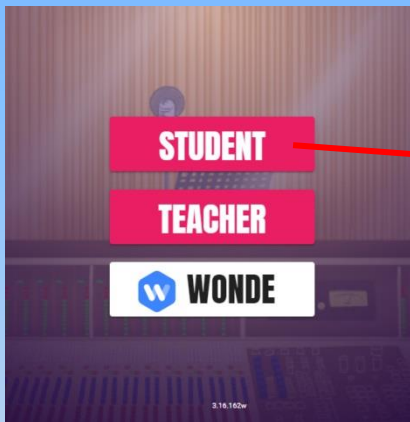
As schools worldwide close for now in response to COVID-19, you might be wondering how best to help your child or children with their studies at home.

Always happy to help, the White Rose Maths Team has prepared a series of five brand new maths lessons for each year group from Years 1-8. Every lesson comes with a short video showing you clearly and simply how to help your child to complete the activity successfully.

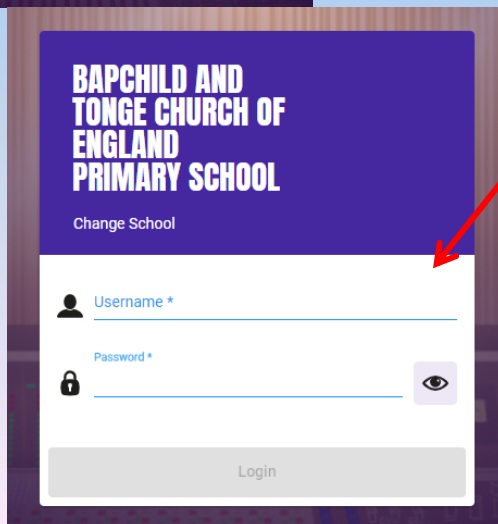
TT Rockstars

To access TT Rockstars please visit:

<https://play.ttrockstars.com/auth/school>



Start typing
in the school
name or the
post code
(ME99NL)



Pupils type in their username and password,
usually written in their reading record.
Pupils can practice all tables but Year 2 should be
practicing 2, 5, and 10's
Year 3: 2,5,10,3,4,8's
Year 4,5,6: all tables

Accessing Twinkl

Many educational content providers are offering free access to their resources. Twinkl is a website that we use from time to time to resource our lessons to aid in teacher input and pupil activities.

We will be able to direct you towards activities and learning via this website based on lessons that may be missed due to absence. To access Twinkl please visit:

www.twinkl.co.uk/offer

You will have to sign up and put in the offer code: **UKTWINKLHELPS**

The screenshot shows the Twinkl website interface. At the top, there is a blue header with the Twinkl logo, a search bar with the text 'Search 500,000+ resources', and links for 'Membership', 'Sign In', and 'Join'. Below the header, there is a navigation bar with links for 'Planning', 'Curriculum Aims', 'EYFS', 'KS1', 'KS2', 'KS3/4', 'SEND', 'EAL', and 'Create'. The main content area is divided into two sections: 'Already a member?' and 'New to Twinkl?'. The 'Already a member?' section has a sign-in form with fields for 'Username or Email:' and 'Password:', and a 'Subscribe now!' button. The 'New to Twinkl?' section has a sign-up form with fields for 'Email address:', 'Password:', 'Occupation:' (a dropdown menu), and 'Offer Code', and a 'Signup & Subscribe now!' button. A red arrow points from the offer code 'UKTWINKLHELPS' to the 'Offer Code' field in the 'New to Twinkl?' section.

English Learning

Diary

This week write a diary of your experiences throughout the week. You could include the activities you are doing, ways in which you have been in contact with others and how you have been feeling. It would also be nice to add some illustrations.

Spellings

Keep learning 5 a week. Can you write these in context in your blurb, or in other sentences of your choosing.

Maths Learning

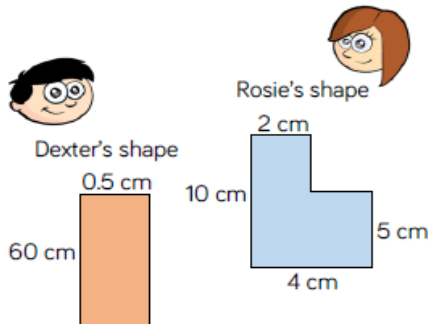
Continue to use My Maths and your CPG red revision books as resources if needed.

The **answers to last week's reasoning** is below and then further work on area and perimeter will follow.

Shapes – Same Area

Reasoning and Problem Solving

Rosie and Dexter are drawing shapes with an area of 30cm^2



Who is correct?
Explain your reasoning.

Both are correct.

Dexter's shape:
 $60\text{ cm} \times 0.5\text{ cm}$
 $= 30\text{ cm}^2$

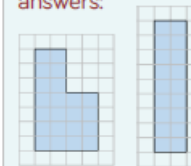
Rosie's shape:
 $2\text{ cm} \times 10\text{ cm} = 20\text{ cm}^2$
 $5\text{ cm} \times 2\text{ cm} = 10\text{ cm}^2$
 $20\text{ cm}^2 + 10\text{ cm}^2 = 30\text{ cm}^2$
Could be split differently.

Three children are given the same rectilinear shape to draw.

Amir says, "The smallest length is 2 cm."
Alex says, "The area is less than 30 cm^2 ."
Annie says, "The perimeter is 22 cm."

What could the shape be?
How many possibilities can you find?

Children can use squared paper to explore. Possible answers:



Always, Sometimes, Never?

If the area of a rectangle is odd then all of the lengths are odd.

Sometimes –
 15 cm^2 could be
5 cm and 3 cm or
60 cm and
0.25 cm

Lesson 1: Area and Perimeter of Rectilinear Shapes

area and perimeter

My portal login

Sort by Relevance

Y4 Lower KS2 booster > Measurement > Area, perimeter - OW

Four pages of questions to test your skills. Good luck!

Worksheet

- Y5 Measurement > Measurement > Perimeter
- Y5 Measurement > Measurement > Area of rectangles
- Y6 Measurement > Measurement > Area of a triangle
- Y4 Measurement > Measurement > Introducing area
- Y3 Measurement > Measurement > Introducing perimeter
- Y7 Geometry > Properties of shapes > Area of a circle
- Y7 Geometry > Properties of shapes > Area of a trapezium

Mathematical Talk

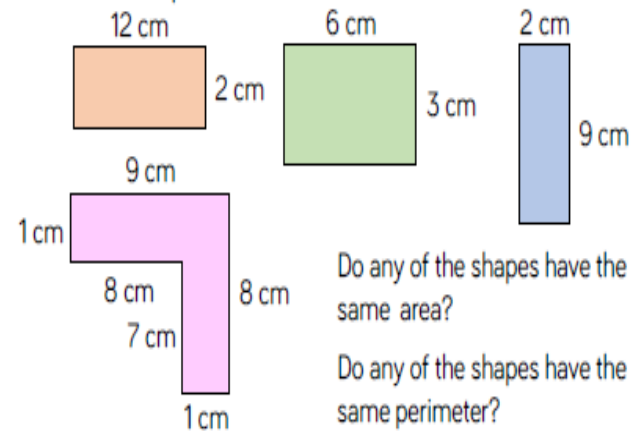
What is the difference between the area and perimeter of a shape?

How do we work out the area and perimeter of shapes?
Can you show this as a formula?

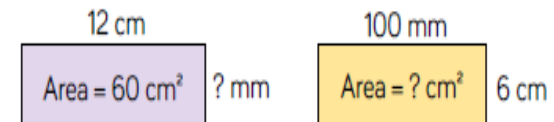
Can you have 2 rectangles with an area of 24 cm^2 but different perimeters?

Varied Fluency

Look at the shapes below.



Work out the missing values.



Draw two rectilinear shapes that have an area of 36 cm^2 but have different perimeters.

What is the perimeter of each shape?

Reasoning and Problem solving:

True or false?

Two rectangles with the same perimeter can have different areas.

Explain your answer.

A farmer has 60 metres of perimeter fencing.

For every 1 m^2 he can keep 1 chicken.



How can he arrange his fence so that the enclosed area gives him the greatest area?

Tommy has a $8 \text{ cm} \times 2 \text{ cm}$ rectangle. He increases the length and width by 1 cm.

Length	Width	Area
8	2	
9	3	

He repeats with a $4 \text{ cm} \times 6 \text{ cm}$ rectangle.

Length	Width	Area
4	6	

What do you notice happens to the areas?

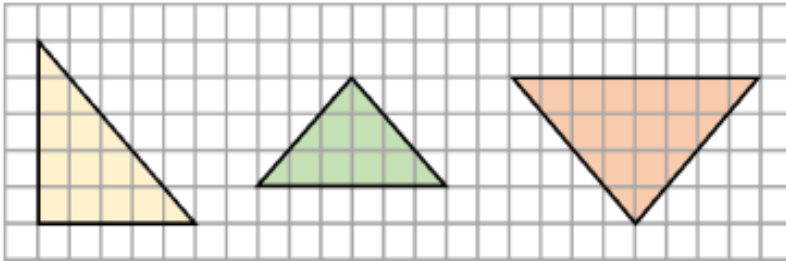
Can you find any other examples that follow this pattern?

Are there any examples that do not follow the pattern?

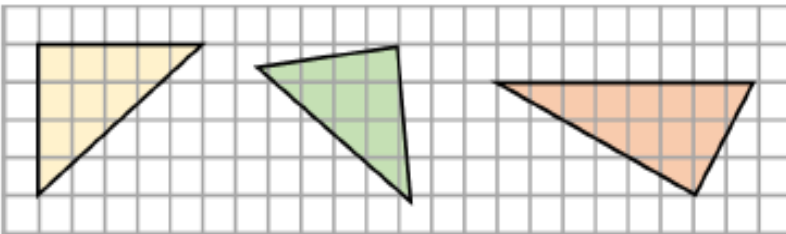
Lesson 2: Area of a Triangle

Varied Fluency

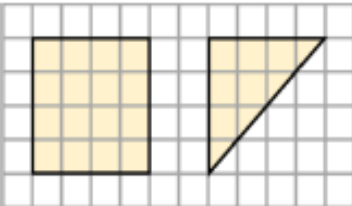
Count squares to calculate the area of each triangle.



Estimate the area of each triangle by counting squares.

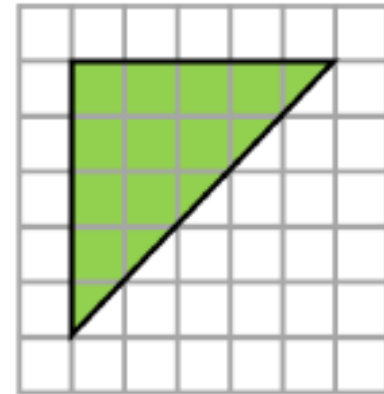


Calculate the area of each shape by counting squares.



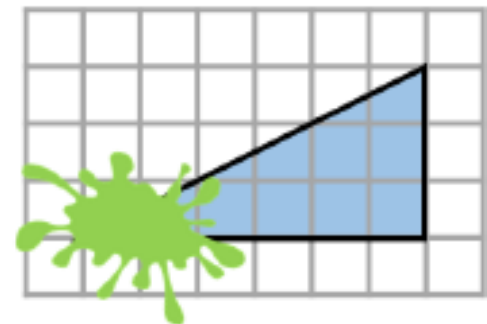
What do you notice about the area of the triangle compared to the area of the square?
Does this always happen?

Explore this using different rectangles.



Mo says the area of this triangle is 15cm^2 .
Is Mo correct? If not, explain his mistake.

Part of a triangle has been covered.
Estimate the area of the whole triangle.



Using the formula: Fluency and Reasoning

Mathematical Talk

What is the same/different about the rectangle and triangle?

What is the relationship between the area of a rectangle and the area of a right-angled triangle?

What is the formula for working out the area of a rectangle or square?

How can you use this formula to work out the area of a right-angled triangle?

Annie is calculating the area of a right-angled triangle.



I only need to know the length of any two sides to calculate the area of a triangle.

Do you agree with Annie? Explain your answer.



Area = 54 cm^2

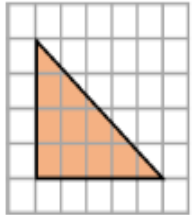
What could the length and the height of the triangle be?

How many different integer possibilities can you find?

Varied Fluency

Estimate the area of the triangle by counting the squares.

Make the triangle into a rectangle with the same height and width. Calculate the area.

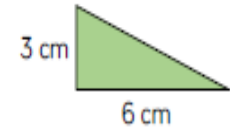
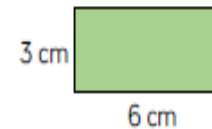


The area of the triangle is _____ the area of the rectangle.

If l represents length and h represents height:

$$\text{Area of a rectangle} = l \times h$$

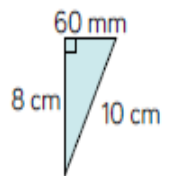
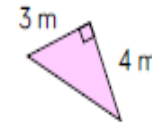
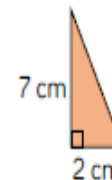
Use this to calculate the area of the rectangle.



What do you need to do to your answer to work out the area of the triangle?

Therefore, what is the formula for the area of a triangle?

Calculate the area of these triangles.



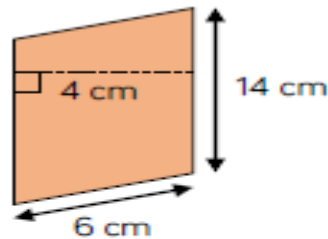
Lesson 3: Area of a Parallelogram

Mathematical Talk

Describe a parallelogram.

What do you notice about the area of a rectangle and a parallelogram?

What formula can you use to work out the area of a parallelogram?



Dexter thinks the area of the parallelogram is 84 cm^2 .

What mistake has Dexter made?

What is the correct area?

Teddy has drawn a parallelogram.

The area is greater than 44 m^2 but less than 48 m^2 .

What could the base length and the perpendicular height of Teddy's parallelogram be?

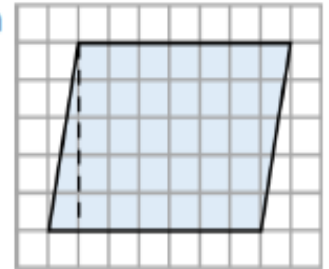
Varied Fluency

Approximate the area of the parallelogram by counting squares.

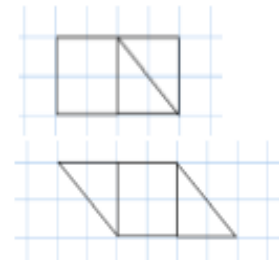
Now cut along the dotted line.

Can you move the triangle to make a rectangle?

Calculate the area of the rectangle.

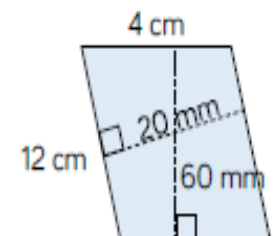
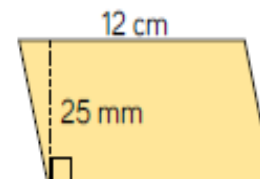
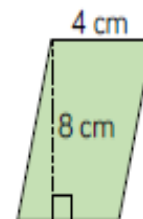


Here are two quadrilaterals.



- What is the same about the quadrilaterals?
- What's different?
- What is the area of each quadrilateral?

Use the formula base $\times$ perpendicular height to calculate the area of the parallelograms.



Next week's maths and moving forward.

Year 6 Pupils,

During these strange and unusual times there are many companies providing different learning resources. From next week our learning will be focused on the **White Rose Hub Home Learning** scheme of work. This is because it can be hard going to many different websites to find information and tasks that link well. Please feel free to use other resources as they are fantastic but I will endeavour to only direct you to one place so that it is an easier process.

Here is a sneak peak at next week's work:

Keep up the good work folks!

Summer Term - Week 1 (w/c 20 April)

Lesson 1 - Vertically opposite angles

Year 6 Week 3 Day 1

Flashback 4

1) Four pens cost 80p.
How much will five of the same pens cost? 800

2) What is the scale factor of the enlargement? 3

3) Write down the ratio of circles to squares.
4:5

Get the Activity

Lesson 1 - Y6 Summer Block 1 WQ4 Vertically opposite angles 2020

Get the Answers

Lesson 1 - Y6 Summer Block 1 AN54 Vertically opposite angles 2020

Religious Education

Gospel: What Would Jesus Do?

If you have a Bible at home you could read the story: Jesus gets Angry: The Moneylenders in the Temple, Mark 11:15–19. Or, you can watch the film clip of this story at www.youtube.com/watch?v=rUJVTdNSCTA

Questions to think about:

How do you feel about Jesus' reaction? Is he right to do what he did? Why?
Would it make God angry if people cared about money but not about prayer?
Would it make God angry if people excluded other races from worship? If the market mattered more than worship?
Is this story of Jesus getting angry about the importance of prayer, or the value of holy buildings?
In which situations might it be acceptable to get angry?

Activities:

Create a picture or cartoon of Jesus getting angry in the Temple.
Or, write a story about a situation in which an individual got angry for a good reason – what happened, how was the situation resolved?

Geography: Coasts

Using the PowerPoint as a learning guide:

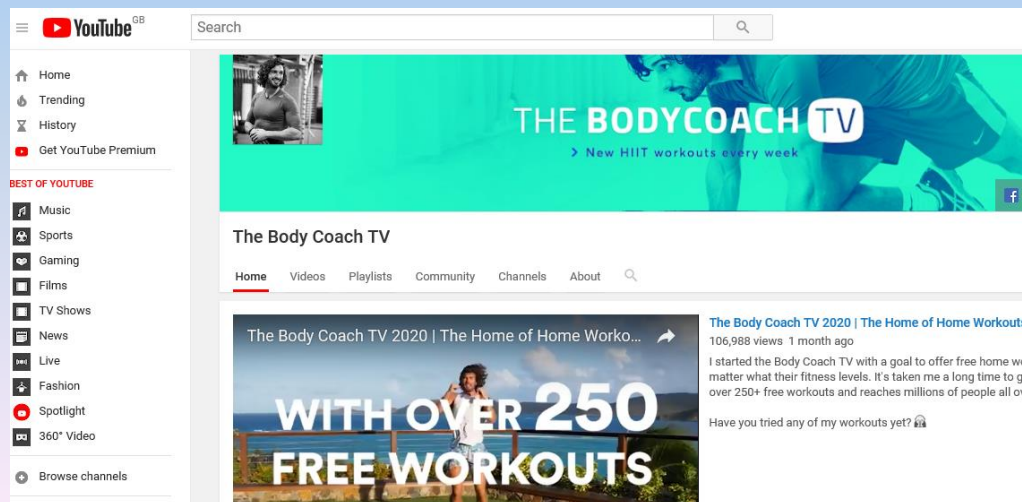


- Read about some features of coastlines and look at their formation.
- 
- Watch, read, discover more using online journals, explanatory videos and diagrams to understand this mediocre PowerPoint.
 - Add detail to the PowerPoint and improve the explanations, overall presentation and design of it.

P.E.

It is important to keep your children active. If it is safe to do so, ensure they have some time outside throughout the day. Please visit **Joe Wicks** YouTube channel

(<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ>), which has lots of exercise videos for children. He will also be hosting a live P.E. lessons Monday to Friday at 9:00am.



Classroom Secrets

The site classroom secrets

<https://classroomsecrets.co.uk/free-home-learning-packs/> has free class packs which provide some great additional ideas and resources you can use.

