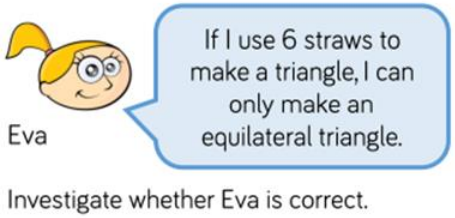
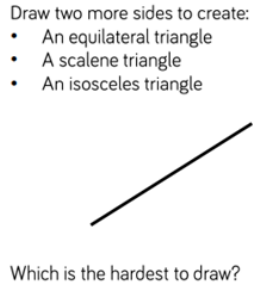
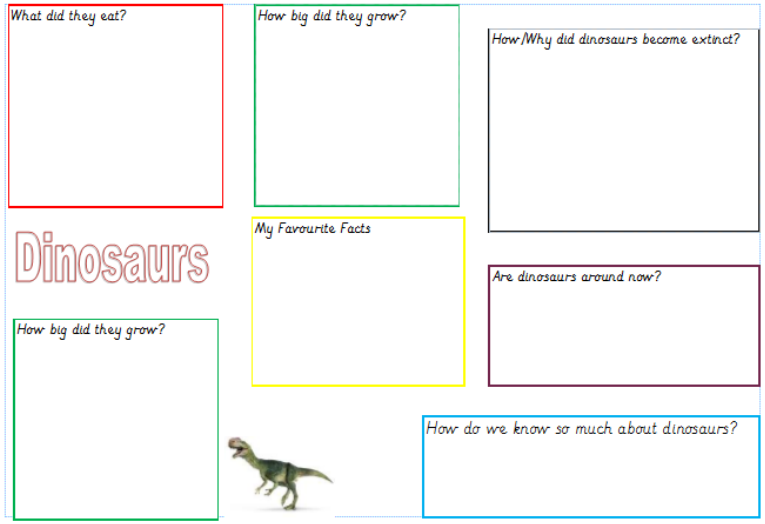
Year 4 suggested timetable week 3 - dinosaur theme

DINOSAUR THEME WEEK Below is the list of activities you may wish to attempt with your child this week. It is only a suggested timetable, feel free to work around your own timetable if this would suit you and your child better. As always, please use the links provided for other/ addition ideas if you wish. **We have tried to include some alternative activities in case you do not have daily access to technology—please do not worry if you can't do it exactly as we suggest. Adapt to suit your situation.** Please have a look through the suggested list of TOPIC/CREATIVE activities to complete during the week. Choose which one(s) you would like to do the most or feel you are most able to complete. Most importantly, enjoy this time together and stay safe.

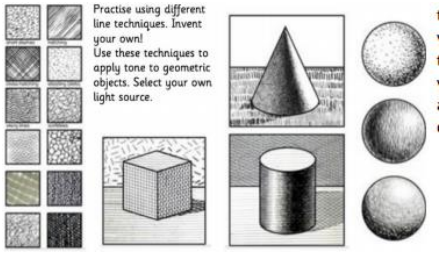
	Hey! Don't forget to get active each day with JOE WICKS at 9:00 https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ	
	English—Dinosaurs	**Maths—Shape**
Monday	**Watch the following video.** https://www.youtube.com/watch?v=koota_lwU_4&feature=youtu.be **(4 minutes)** **Task:** Write down 5 facts (in sentences) about dinosaurs and the study of dinosaurs from the video or your own research. (Make a note of any interesting words you hear, you will need these on Wednesday)	Can you find out what **isosceles, scalene and equilateral triangles** are? You could use this link to help: https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/zggsfrd Can you have a go at drawing all three sorts of triangles and write our their properties (lines of symmetry, sides etc) Have a go at this Education City game – (login is in back of planner) – Pharaoh Triangle
Tuesday	**Watch the video "The life and work of Mary Anning"** (Make a note of any interesting words you hear again, you will need these on Wednesday) https://www.youtube.com/watch?v=qNOh-85_Dmc&feature=youtu.be (12 minutes) **Task:** Imagine you are Mary Anning. Write a diary for the day she met Elizabeth Philpott. What happened on that day and how did Mary feel ?	Work through attached Tuesday's PowerPoint on Triangles (you can find this on our website – class pages – Tigers and Jaguars). Can you complete the worksheet on Triangles (scroll down) **OR** can you solve these problems.  

	English—Dinosaurs	Maths—Shape
Wednesday	**Task:** Using the interesting words you wrote down on Monday and Tuesday, can you create a dictionary page for dinosaur words? (extra clue: watch and listen carefully to the song in the music link on page 2 for ideas of more words). Write the word and then write a dictionary definition. Can you decorate your page with pictures too.	Today we are going to find out about quadrilaterals. Use the internet to find and name as many quadrilaterals as you can. Can you list their properties? (lines of symmetry, number of sides, parallel lines etc) **OR** Work through the Wednesday PowerPoint (you can find this on our website – class pages – Tigers and Jaguars). Can you complete the quadrilaterals worksheet (scroll down).
Thursday	**Task:** Choose a dinosaur of your choice and create a fact file for it. Include a picture, some information about it's height and size, what it eats, etc You could create lots and use them to play dinosaur top trumps.	Today we are going to find out about angles. There is a PowerPoint attached (you can find this on our website – class pages – Tigers and Jaguars). Work through it and complete the worksheet. If you don't have a printer, copy, draw or write the answers on a sheet of paper. (scroll down). **OR** go on Education City and play wrecked angles.

Friday	Do you remember your orangutan and bridges information reports? **Task:** Can you create one for dinosaurs? You can include pictures, information about dinosaurs, word definitions, information about what they eat, information about the study of fossils—anything you like! This is a sample idea, but you can create your own and use whatever headings you like.  	Today we going to learn how to order and compare angles. Work through the Friday PowerPoint and complete the worksheet. OR Go on an angle hunt around the house. How many different obtuse, acute and right-angled triangles can you find? Can you make a table and record your findings?

SCROLL PAST THE NEXT PAGE FOR THE RESOURCES NEEDED THIS WEEK.

Y4 topic / creative ideas week 3 - dinosaur theme

	TOPIC/CREATIVE ACTIVITES FOR THIS WEEK
Dinosaurs	Register for Twinkl home learning at https://www.twinkl.co.uk/offer using the access code Uktwinklhelps - search for lots of ideas for dinosaurs on here
History	Find further information about Mary Anning here https://artsandculture.google.com/exhibit/mary-anning-history-s-pioneer-of-palaeontology%C2%A0/RwLC8g-VfbBAJA Why not do a virtual reality tour of the National History Museum? https://artsandculture.google.com/partner/natural-history-museum
Science	Find out what types of food different dinosaurs eat. Are they herbivores, carnivores or omnivores? Can you create a poster to show what dinosaurs eat which sorts of food?
Music	Watch this song about being a Palaeontologist. https://www.youtube.com/watch?v=B7zo2zY1Zqg&feature=youtu.be Read the poem Roar (on last page). Can you make it into a song? Can you add instrument sounds using things you have at home? Maybe get a grown up to record it and send it to a relative to make them smile.
Art	Watch the Land before Time cartoon extract https://www.youtube.com/watch?v=L1ggudJ1971 Use purple mash to create **digital art** and have a go at animation using the 2simple software. **Textured paint**: Make a textured dinosaur painting by adding sand/ soils/ grit/ flour to paint to make it thick and gloopy. Paint a dinosaur using this rough texture. **Drawing and sketching**: Look at some pictures of dinosaur bones and fossils. Just use pencil to sketch some of these skeleton shapes looking closely at the shape of the bones. Use these shading techniques to add detail to your drawing. 

il, le and el words
circle
occasional
possible
material
accidental
actual
council
pencil
kettle
illegal

Key Words
medicine
pressure
question
strange
strength

le words
table
purple
middle
little
Key Words
last
many
only
told

KEY WEBSITES AND LINKS

PurpleMash/SerialMash: use child logins provided https://www.purplemash.com/gl/52b07575e72c3

Discovery Espresso: U/N: student31661 P/W: meadows1 www.discoveryeducation.co.uk

Edshed (spelling shed & maths shed): use child logins provided https://play.edshed.com/login (or app)

Times Tables RockStars: use child logins https://ttrockstars.com/ (or app)

Audible—audio books: https://stories.audible.com/start-listen (free whilst schools are closed)

National Geographic: https://www.natgeokids.com/uk/teacher-category/games/

TUESDAY TRIANGLE WORKSHEET

1) Circle any scalene triangles.
Tick any right-angled triangles.

☐ ☐ ☐ ☐ ☐

2) Name the type of triangle you have not circled or ticked.

_____

1) What are the differences between these two triangles?

_____

What is similar about them?

_____

2) Tick the statements that are true:

- ☐ A scalene triangle never has equal length sides.
- ☐ An isosceles triangle can never have a right angle.
- ☐ An isosceles triangle has three equal angles.
- ☐ An equilateral triangle has three equal length sides.

Choose one of your true statements and prove it!

_____

1) Here is a 4cm line:

Use a pencil and a ruler to draw two more sides that would create an isosceles triangle.

What are the lengths of the two new sides?

_____ cm _____ cm

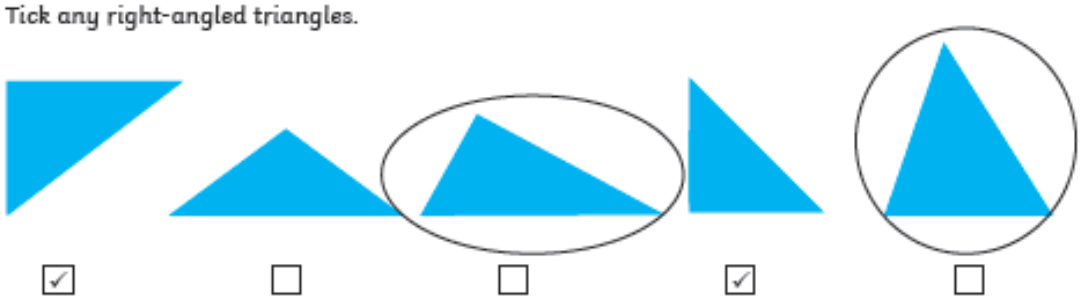
Without drawing two new sides, write the lengths of the two new sides needed to make an equilateral triangle.

_____ cm _____ cm

2) Investigate:
How many different isosceles triangles can you make where the lengths of the sides are whole numbers (not decimals) that total 12cm? Draw or make your triangles to prove it.

MATHS TUESDAY WORKSHEET ANSWERS

1) Circle any scalene triangles.
Tick any right-angled triangles.



2) Name the type of triangle you have not circled or ticked.
isosceles

1) What are the differences between these two triangles?
One has a right angle; one has one side that is longer than the others; one has one side that is shorter than the others.

What is similar about them?
Both are isosceles triangles.

2) Tick the statements that are true:

- [x] A scalene triangle never has equal length sides.
- [ ] An isosceles triangle can never have a right angle.
- [ ] An isosceles triangle has three equal angles.
- [x] An equilateral triangle has three equal length sides.

Choose one of your true statements and prove it!
Multiple answers possible.

1) Here is a 4cm line:

Use a pencil and a ruler to draw two more sides that would create an isosceles triangle. What are the lengths of your two new sides?
Multiple answers possible. Ensure that children's triangles have two equal sides and angles to within a reasonable degree of accuracy.

Without drawing two new sides, write the lengths of the two new sides needed to make an equilateral triangle.
4cm and 4cm

2) Investigate:
How many different isosceles triangles can you make where the lengths of the sides are whole numbers (not decimals) that total 12cm? Draw or make your triangles to prove it.
Only one triangle can be made, with one 2cm side and two equal sides of 5cm.

WEDNESDAY WORKSHEET QUADRILATERALS

1) Name and identify the properties of these quadrilaterals:

Name:_____

Pairs of equal length sides:_____

Pairs of parallel sides:_____

Number of right angles:_____

Name:_____

Pairs of equal length sides:_____

Pairs of parallel sides:_____

Number of right angles:_____

Name:_____

Pairs of equal length sides:_____

Pairs of parallel sides:_____

Number of right angles:_____

Draw a quadrilateral with these properties:

- two pairs of equal length sides
- no right angles
- not a parallelogram

What could your quadrilateral be?

_____

What quadrilaterals could you definitely not draw from this description?

_____

1) What do any of these shapes have in common?

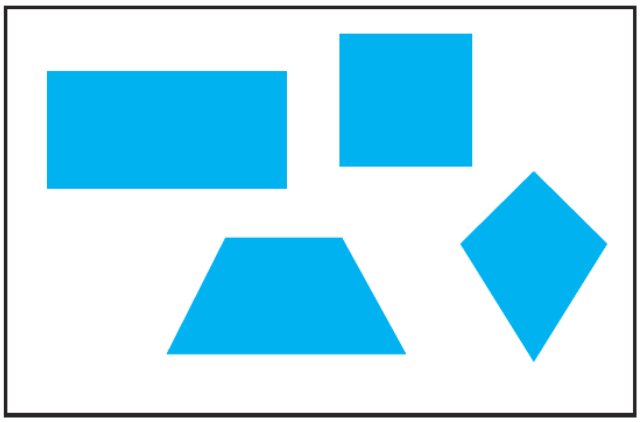
_____

_____

_____

What is different about them?

_____



_____

WEDNESDAY ANSWERS

1) Name and identify the properties of these quadrilaterals:

Name: ***parallelogram***

Pairs of equal length sides: ***2***

Pairs of parallel sides: ***2***

Number of right angles: ***0***

Name: ***rectangle***

Pairs of equal length sides: ***2***

Pairs of parallel sides: ***2***

Number of right angles: ***4***

Name: ***trapezium***

Pairs of equal length sides: ***1***

Pairs of parallel sides: ***1***

Number of right angles: ***0***

2) Draw a quadrilateral with these properties:

- two pairs of equal length sides
- no right angles
- not a parallelogram

What could your quadrilateral be?
kite

What quadrilaterals could you definitely not draw from this description?
square, rectangle, trapezium, parallelogram

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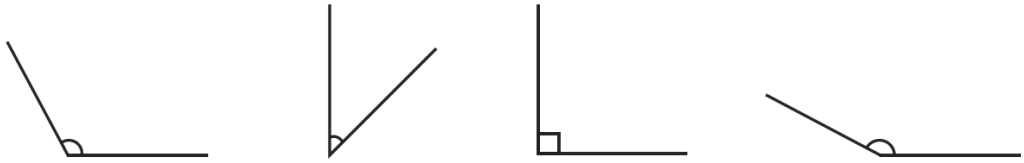
1) What do any of these shapes have in common?
Answers may include:
All have four sides and four vertices; the square and rectangle have two pairs of parallel sides and four right angles; the rectangle and kite have two pairs of equal length sides.

2) What is different about them?
Answers may include:
The kite only has one pair of equal angles; the trapezium has two pairs of equal angles; only two of the shapes have right angles.

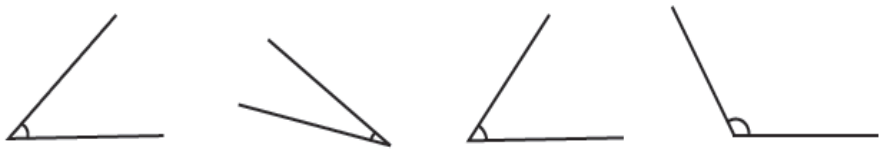
THURSDAY ANGLES WORKSHEET

1) Circle the obtuse angles:



2) Look at these shapes. Label each of the interior angles as obtuse, acute or a right angle.

1) Which angle is the odd one out?



Explain your answer:

_____

_____

2) Romesh says, "A triangle can have two obtuse angles."

Is he correct? _____

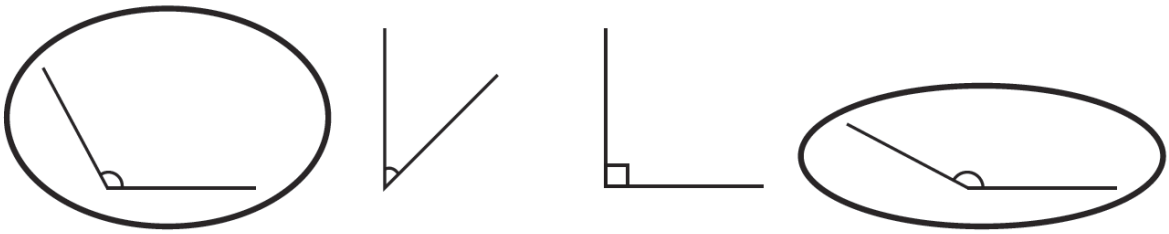
Prove it!

_____

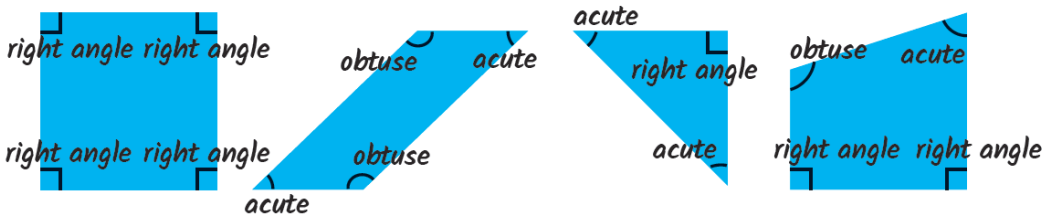
_____

THURSDAY WORKSEET ANSWERS

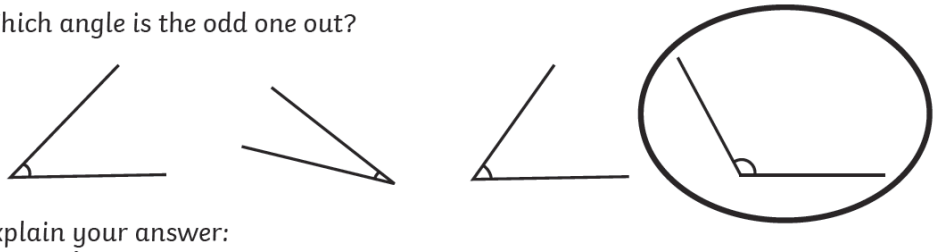
1) Circle the obtuse angles:



2) Look at these shapes. Label each of the interior angles as obtuse, acute or a right angle.



1) Which angle is the odd one out?

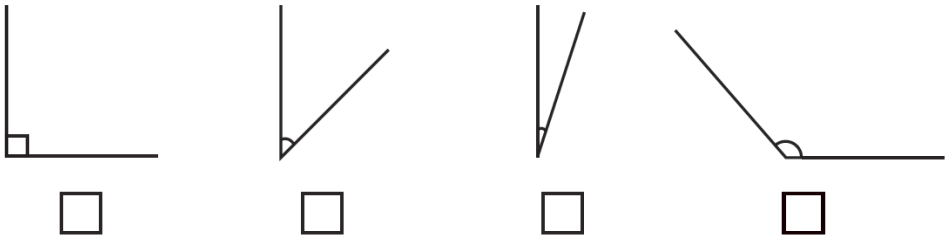


Explain your answer:
Children's own responses, such as: one is obtuse; one is more than a right angle; one is more than 90 degrees.

2) Romesh says, "A triangle can have two obtuse angles."
Is he correct? ***No.***
Prove it!
Accept answers, drawn or written, which show an understanding that the shape would never be able to have closed sides if two angles are obtuse.

FRIDAY WORKSHEET – COMPARING AND ORDRERING ANGLES

1) Order these angles from smallest to largest by labelling them from 1-4.



2) Look at this shape and use < and > symbols to complete the statements below.

angle a ☐ angle c

angle b ☐ angle a

angle d ☐ angle a

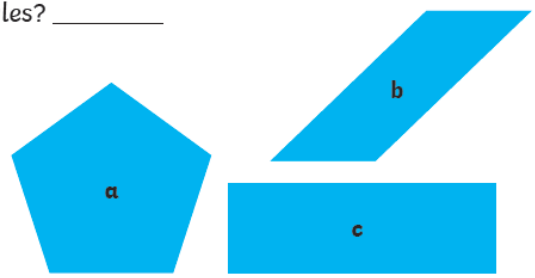
3) Label two of the angles in the shape above as either acute or obtuse.

1) Which of these shapes is the odd one out based on its angles? _____
Explain your answer:

_____

_____

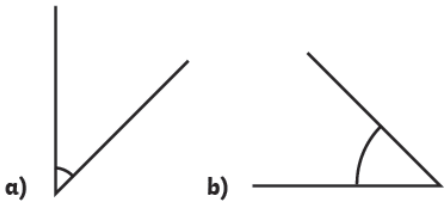
_____



2) Tilly says, "Angle b is the largest."
Jaz says, "The angles are the same size."
Whom do you agree with? Why?

_____

_____



_____

_____

FRIDAY WORKSHEET ANSWERS

1) Order these angles from smallest to largest by labelling them from 1-4.

3 2 1 4

2) Look at this shape and use < and > symbols to complete the statements below.

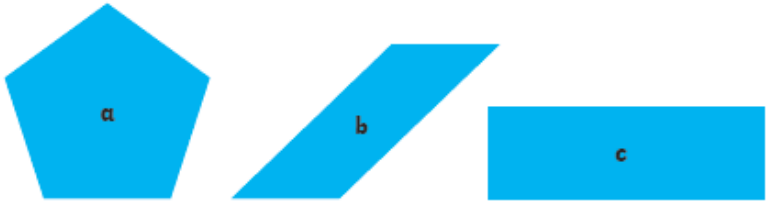
angle a [>] angle c

angle b [<] angle a

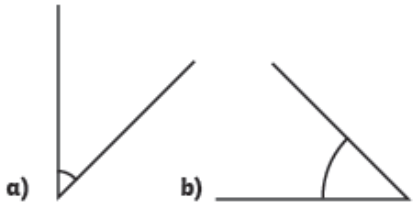
angle d [<] angle a

3) Label two of the angles in the shape above as either acute or obtuse.
Children may label b, c or d as acute and a as obtuse.

1) Which of these shapes is the odd one out based on its angles?
Explain your answer:
Accept any reasonable response, e.g. C is the odd one out as it does not have any obtuse interior angles.



2) Tilly says, "Angle b is the largest."
Jaz says, "The angles are the same size."
Who do you agree with? Why?
Jaz. Tilly has seen that the angle arc is bigger, but it is just further from the angle. The angles are the same. Children may choose to measure the angles to check.



Roar!

Stomp! Stomp! Went the feet,
Of the dinosaurs to the jungle's beat.

Crunch! Crunch! Went the jaws,
Of the many hungry dinosaurs.

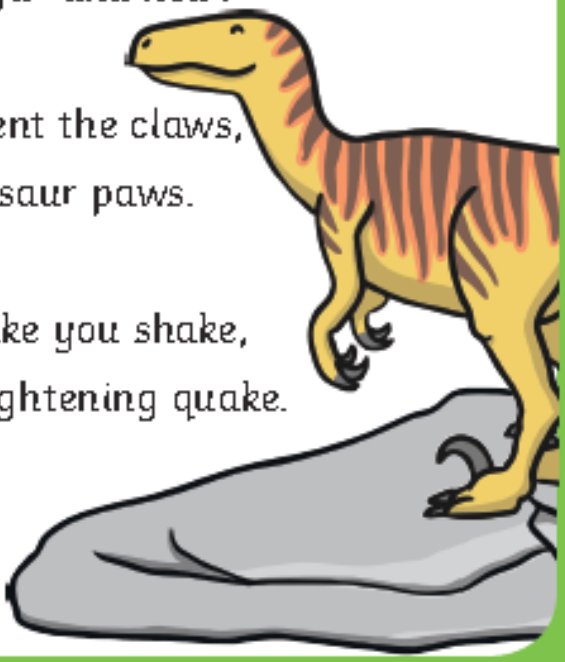
Screech! Screech! Came the sound,
Of pterosaurs above the ground.

Bang! Bang! A dinosaur fight;
Breaking rocks with all their might.

Crash! Boom! You could hear,
Volcanoes bursting far and near.

Scratch! Scratch! Went the claws,
Of tiny baby dinosaur paws.

Roar! Roar! They make you shake,
Just like a loud and frightening quake.



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