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Home Learning Pack

Year 5

Week 11
06/07/2020

Classroom secrets

KIDS

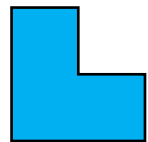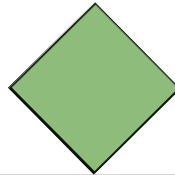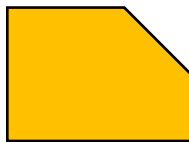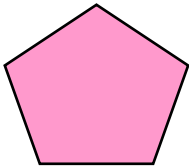# Monday – Regular and Irregular Polygons

1. Using your knowledge of regular and irregular polygons, complete the 'Number of Sides' row. Then draw lines to match the shapes to the correct section of the table.

	Irregular Hexagon	Regular Pentagon	Irregular Pentagon	Regular Quadrilateral
Number of sides				
Shape				

2. Put an 'X' next to the regular polygons.
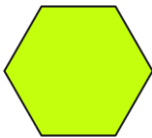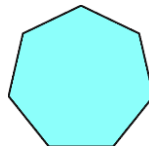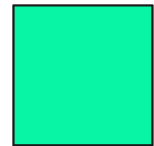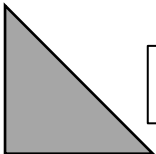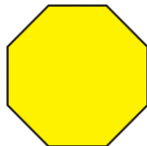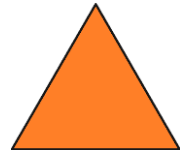
3. Has Shamir sorted these shapes correctly? Explain your answer.

	Regular Polygon	Irregular Polygon
Has exactly 5 sides	A	D
Not 5 sides	B C	E

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Monday – Recognising Modal Verbs

1. Put an 'X' in the box to identify the modal verb in each sentence below.

A. Despite the weather forecast, the school trip will still go ahead tomorrow.

☐   ☐   ☐

B. Dad said we could go and play outside once we had finished our homework.

☐   ☐   ☐

C. During the winter, we might need to turn the heating on as our house gets cold.

☐   ☐   ☐

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2. The modal verbs are underlined in the sentences below. Write T (true) or F (false).

A. The school disco <u>will</u> be amazing because all of my friends are going to be there. ☐

B. Our projects must be <u>handed</u> in on Friday before we break up for half-term. ☐

C. We <u>ought</u> to do our homework before we go out to play football. ☐

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3. Rewrite the sentence below using a different suitable modal verb.

Although Tom is a striker, he <u>will</u> need to play in goal for the match on Saturday.

How does it change the meaning of the sentence?

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Tuesday – Reasoning about 3D Shapes

1. Use the nets of the 3D shapes to complete the table.
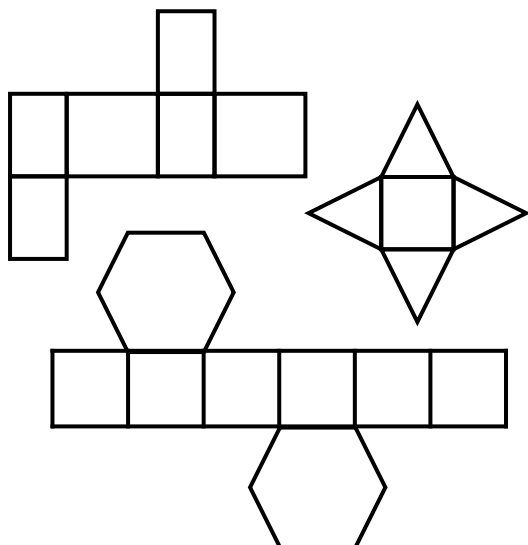
Name of Shape	2D Faces	Number of Edges	Number of Vertices
	1 square 4 triangles		
Cuboid			
		18	

2. The children have lost their shapes. Match the children to the correct 3D shape.
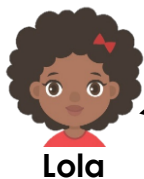
Lola: My shape has square faces.

Kara: My shape only has triangular faces.

Tom: My shape has 6 rectangular faces.

Jemal: My shape has two pentagonal faces.

Hexagonal prism	
Triangular pyramid	

3. True or false? The following shape is a rectangular-based pyramid.

Convince me.

Tuesday – Using Modal Verbs

1. Circle the modal verb in each of the sentences below.

A. You must see the new art exhibition, it's fascinating!

B. If you practise extremely hard, you may win the competition.

C. That poor dog ought to go to the vets!

D. You should go and visit your Grandma as she's unwell.

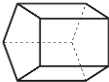**2a. Fill in the blank in the sentence below with a modal verb to show possibility.**

The hotel [   ] **have been nicer if it had been redecorated.**

should	may	can

2b. Fill in the blank in the sentence below with a modal verb to show certainty.

The policeman [   ] **tell us the right direction to go.**

should	could	will

3a. Rewrite the sentence below to make it more certain.

Katie isn't feeling well so she should stay in bed.

3b. Rewrite the sentence below to make it less certain.

After all the planning, it will be the best party ever.

Wednesday – Reflection

1. Put an 'X' in the box of the images showing the correct reflection.

A.

B.

C.

D.

☐   ☐   ☐   ☐
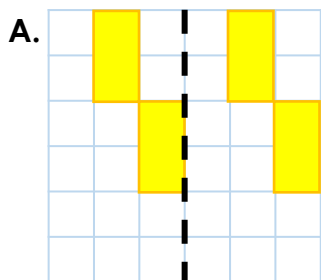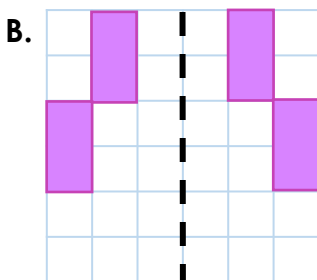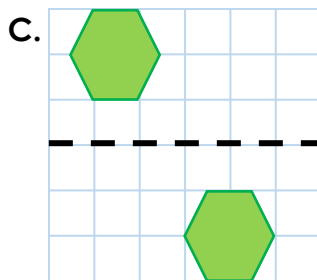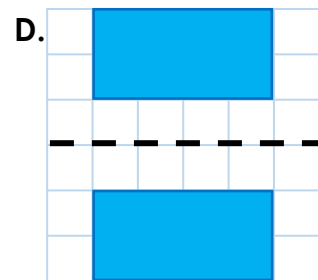
2. Shapes 1 and 2 are reflected in the dotted line. Write the letter of the correct reflected image.

A.
X   Y
1   Z

B.
2   X   Y   Z

☐   ☐
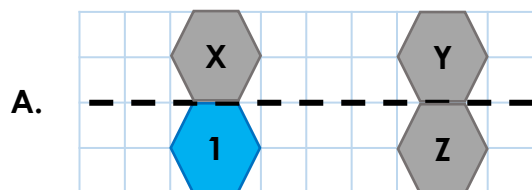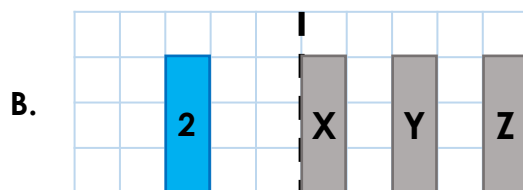
3. Hassan has correctly reflected three shapes. Do you agree? Explain your answer.

I've reflected by copying the shapes on the other side of the mirror line.

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6
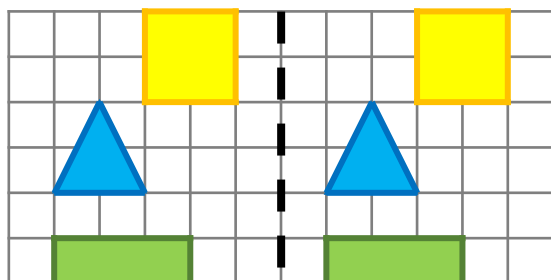
Wednesday – Plural and Possessive

1. Underline the possessive noun in each sentence below.

She's coming with her friend's sister.

The children's parents all dressed up as their favourite superheroes.

The house's windows needed cleaning.

My teachers' desks are neat and tidy.

2a. Circle the correct plural form of the noun to complete the sentences below.

The beaches / beachs' on the East coast have lovely views.

The fairy's wings / wings' were broken.

2b. Circle the correct possessive form of the noun to complete the sentences below.

The dogs' / dog's noses were covered in mud.

The colourful bird is ours / our's.

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3. Is the sentence below punctuated correctly?

> All of the horses' hooves had been cleaned and checked.

Explain why.

Thursday – Translation

1. Which translation of Shape A has been translated 6 right and 4 down. Put an 'X' by the correct number.
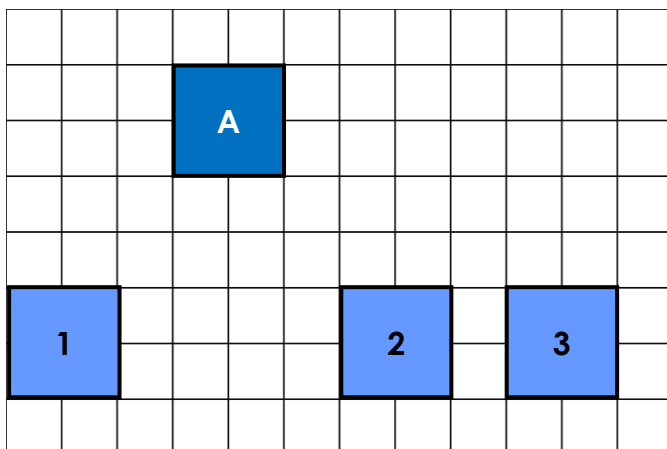
1	

2	

3	

2. Shape C has been translated four times. Write the translation for each.
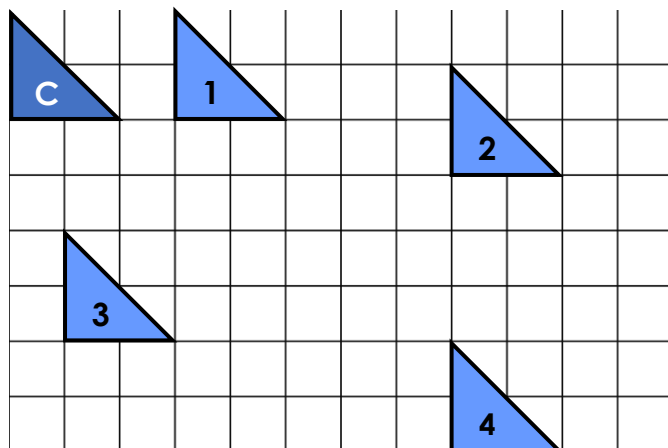
3. Imogen has translated Shape B 5 right and 2 up.

If I switch the numbers around, Shape B will still arrive at the position of Shape 1.

Do you agree? Explain your answer.

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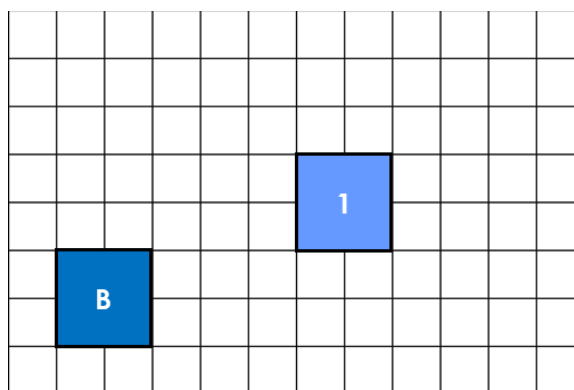
Thursday – Relative Clauses

1. Put an 'X' in the box for each sentence below that indicates the relative pronoun.

A. This is the girl who found the dog.

☐ ☐

B. I ordered a pizza, which I always enjoy.

☐ ☐

C. She finally got to see the film that everyone was talking about.

☐ ☐

2. Put an 'X' in the box of the sentences that have correctly included a relative clause.

A. Mum, who had just finished work, made herself a nice cup of tea. ☐

B. John liked the new car, which he'd bought with his own money. ☐

C. The bike, who had a flat tyre, had to be pushed home. ☐

D. I don't like sitting on the chair that has the wobbly leg. ☐

3. Add your own relative clauses to the sentences below. Include the relative pronouns who, which or that.

A. Mum bought me a _____ .

B. I live near London _____ .

C. My best friend Josie _____ broke her leg yesterday.

Friday – Reading Comprehension
Sir Bradley Wiggins Biography

Read the text on the following pages then answer the questions below.

1. When and where was Bradley Wiggins born?

2. What does the word 'decorated' mean in the sentence below?

'*Bradley has become one of the most decorated British athletes.*'

3. Read the 'Early Life' paragraph. Find and copy the word which means skilled and qualified?

4. List three events where Bradley won gold medals.

5. Read the first paragraph of 'Early Life'. Find and copy a synonym for each of the words below.

reliable	dream	practise

6. Why did Bradley not compete in any major track races between 2005 and 2007?

7. Write three facts about the Tour de France that we learn from the text.

Friday – Reading Comprehension
Sir Bradley Wiggins Biography (continued)

8. List Bradley's 2016 achievements.

9. Why does the author compare Bradley's top speed to that of a car travelling on a motorway?

10. Number the events 1- 5 to show the order in which they occurred in Bradley's life.

Won 5 gold medals at the Rio Olympics.	
First British athlete for 40 years to win 3 medals in one Olympic Games.	
Competed in the 'Six Days of Ghent' competition.	
Won the Individual Pursuit at the Junior World Championships.	
Awarded Sports Personality of the Year.	

Friday – Reading Comprehension
Sir Bradley Wiggins Biography

Sir Bradley Marc Wiggins is a British road and track cyclist. He has won both the World Championships and the Olympic Games. He is in fact, so far, the only cyclist to win the Tour de France and an Olympic gold medal in the same year, in 2012. He is also the only person to win a Grand Tour and a gold medal in track cycling. He has won a multitude of medals and has become one of the most decorated British athletes for the Olympic Games.

Early Life
Bradley Wiggins was born on the 28th April, 1980 in Ghent, Belgium. He moved to London with his mother when he was young and learned to ride a bike in Hyde Park. Bradley grew up without really knowing his father; all he knew was that he was a professional cyclist. Bradley loved sports. In fact, when Bradley was young, he trialled to play for West Ham United football club.

Professional Career
Bradley was first encouraged to try cycling after watching Chris Boardman in the 1992 Olympic Games. It became his ambition. Bradley started his career racing on the track. He was invited to train at the Manchester National Cycling Centre as a youngster and at the time people could already see that Bradley had the talent to go far. Bradley is a consistent rider; during his career, he has won so many medals, titles and competitions that it would be impossible to include them all in one biography. Instead, Bradley has written four books to tell his tale.

Bradley won the individual pursuit at the UCI Junior Track Cycling World Championships in 1998, only six years after being inspired by Chris Boardman. Later on in 1998, he won his first senior silver medal at the Commonwealth Games, which was a team pursuit.

In the Olympic Games in Sydney in 2000, Bradley won bronze in the team pursuit and came fourth in the Madison with Rob Hayles. Later on in the same year, he won silver in the team pursuit at the Track World Championships in Manchester. In 2001, Bradley was able to achieve medals on the road as well as on track, winning the Cinturón a Mallorca and Flèche du Sud - two annual road races held in Spain and Luxembourg. Bradley also collected several track medals that year.

In 2004, Bradley became the first British athlete in forty years to win three medals in one Olympic Games. He won a gold, a silver and a bronze that year in Athens, Greece. For the next three years, however, Bradley did not compete in any major track races and spent his time focussing on road racing.

Bradley competed in the Track World Championships, winning three golds in 2008. Later that year, he was awarded with two gold medals in the Beijing Olympics. Wiggins took a break from track racing after the 2008 Olympics as he wanted to pursue his career further in road racing. In 2009, Bradley earned 4th place in the iconic Tour de France. The Tour de France is an annual cycling event that takes 200 riders along a 2000-mile course around France, over 23 days – a taxing tournament!

He won the 2012 Paris–Nice, the 2012 Tour de Romandie, and the 2012 Critérium du Dauphiné, before winning the Tour de France the same year. Wiggins became the first Britain ever to win the Tour de France, a race in which the winner of each stage of the race wears a yellow jersey.

At the age of 32, and in recognition for his success in cycling, Bradley was voted to be the BBC Sports Personality of the Year, which was awarded by the Duchess of Cambridge.

2016 saw more medals for Bradley. He won a gold and silver medal in the Track World Championships and had more success at the Olympic Games. Wiggins competed in Rio de Janeiro in 2016 and came away with another gold medal to add to his collection. So far he has won five gold Olympic medals, one silver medal and two bronze medals – and that's just for the Olympic Games!

2016 was rumoured to be the final year for Bradley's career in racing. After the Rio Olympic Games, Bradley announced that his final event would be the Six Days of Ghent in November 2016.

It has been logged that Bradley's top speed reached 68mph during a time trial - that's just as fast as a car would reach when travelling down a motorway!

Family

Bradley is married to Catherine whom he met during the 2002 Commonwealth Games. Catherine and Bradley have two children together, Isabella and Ben. They live in their family home in Eccleston, Lancashire. Bradley's home is close to the Manchester Velodrome, which is the home of Team Sky and British Cycling.

Interests

Bradley is a huge fan of classic scooters and guitars from the 1960s and 1970s and owns his own collection.

He is a keen supporter of other sports such as football and rugby and is an avid fan of Liverpool Football Club and Wigan Warriors rugby club in particular.

Bradley started his own foundation, named the Bradley Wiggins Foundation, in 2012 to encourage people to take up exercise and sport. Unfortunately, in 2016, the foundation ceased to continue.

Wiggins speaks fluent French as he spent a lot of time training in France alongside French cyclists.

Bradley also enjoys writing and has written four books in total that talk about his training and his achievements in cycling.