## YEAR 4: Incredible Inventions





Hello, Year 4! As we come to the end of another month of home schooling, you all continue to amaze us with how well you are doing and we love speaking to you and hearing all about what you have been up to. We appreciate how difficult it is to keep motivated to learn at home but it is really important that you try to do some school work whenever you can. Remember also that reading is important and it is really beneficial for your mental health as well. Let us know what you are reading and any good reading places you have discovered on Twitter @oldburypark. Ms Condon Mrs Screen Miss Doughty Mrs Sheppard

#### **EVERY DAY**

Daily Maths lessons - <a href="https://whiterosemaths.com/homelearning/year">https://whiterosemaths.com/homelearning/year</a> week 10 Charts / Graphs

Mathletics – 15-20 minutes (more if you wish).

Read for at least 15 minutes.

#### Additional tasks for this week (29/6/20)

#### **English**

Monday: What is persuasive writing? Where is persuasive writing used? <a href="https://www.bbc.co.uk/teach/class-clips-video/how-to-write-a-persuasive-text/zkcfbdm">https://www.bbc.co.uk/teach/class-clips-video/how-to-write-a-persuasive-text/zkcfbdm</a> Persuasive writing tries to persuade someone to do something e.g. go to a party or buy a new toy. How many different types of persuasive writing can you think of? (adverts, brochures, health information e.g. eat more fruit,)

Tuesday: Read the following persuasive writing examples. (attached below or online here)

https://www.twipkl.co.uk/resource/t2-e-2245-persuasion

https://www.twinkl.co.uk/resource/t2-e-2245-persuasion-writing-sample-writing-sample

What is the writer trying to persuade people to do and how are they doing this? Create a mind map of persuasive writing features. Magpie words and phrases you might use.

<u>Wednesday:</u> You are going to try to persuade someone to use your futuristic mode of transport. Write 3 facts and 3 opinions about your transport. For example: It is the biggest space rocket ever made. (Fact) The seats are the most comfortable ever. (opinion)

<u>Thursday:</u> Vocabulary is very important when trying to persuade people. How would you feel if you are told something is 'good'? How would you feel if you are told something is 'amazing', 'fantastic', 'out of this world'? Make a list of as many persuasive words or phrases you can think of. Use a thesaurus to help you find better alternatives.

<u>Friday</u>: A rhetorical question is another technique that is used in persuasion. Think of a rhetorical question you could use to persuade people to use your transport. E.g. Who wouldn't want to ride in this amazing machine?

https://www.youtube.com/watch?v=noBFVxBTV7Q

#### **Topic**

This week we want you to complete at least one of the following –

<u>Topic-</u>Investigate how new vehicles are advertised. This is an example. There are many more. How do manufacturers persuade people to buy their product? <a href="https://www.vauxhall.co.uk/vehicle-categories/electric-vehicles.html">https://www.vauxhall.co.uk/vehicle-categories/electric-vehicles.html</a>

Music: Music can be very powerful and persuasive and is often used by advertisers to add emotion. Listen to these pieces of music. How do they make you feel? <a href="https://www.letsplaykidsmusic.com/classical-music-teach-emotions/">https://www.letsplaykidsmusic.com/classical-music-teach-emotions/</a> (Scroll down to the Youtube videos – there are lots to choose from.)

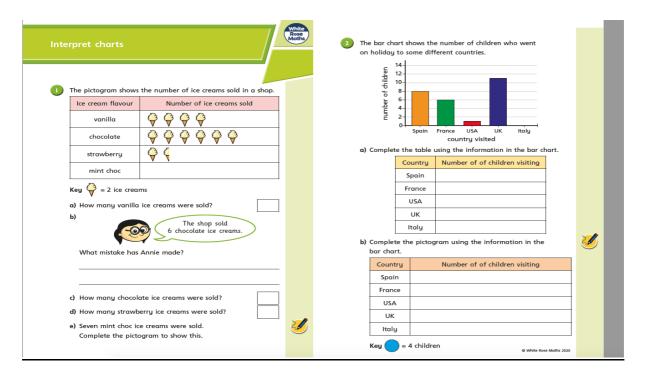
French: Emotions. Watch this video. Draw emoji faces and label the emotion in French. Keep a diary of how you are feeling every day and write it in French.

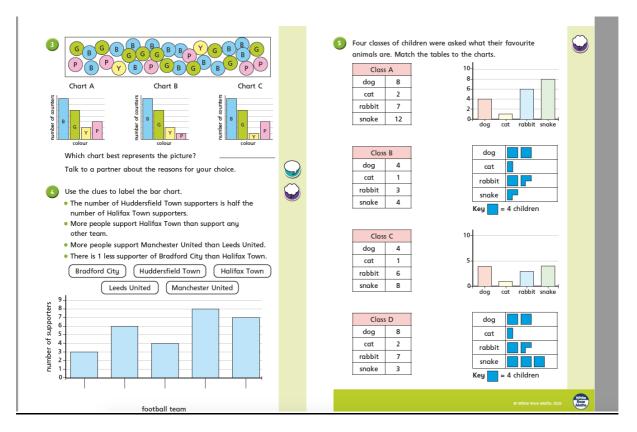
E.g. Je suis heureux (I am happy) <a href="https://www.youtube.com/watch?v=Wx7VS3nJH8c">https://www.youtube.com/watch?v=Wx7VS3nJH8c</a>

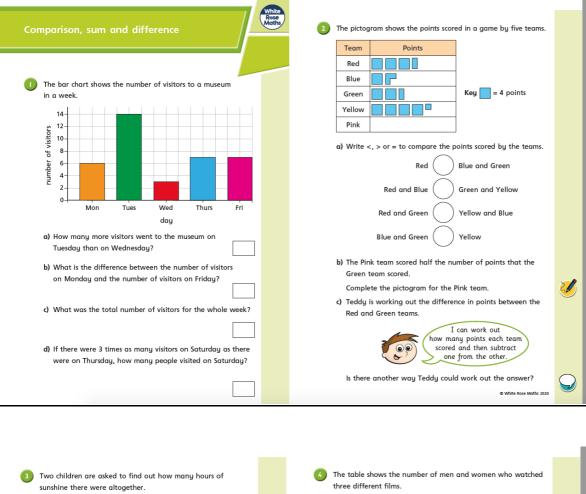
RE: What can we learn from religions about deciding what is right and wrong? <u>Humanism</u>

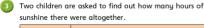
Many Christians and Jews believe that God inspired the Ten Commandments and Beatitudes – so they believe God has helped to give them guidance on how to live. Humanists do not think that there is a God therefore they do not believe God teaches anyone how to live. There are three things: The Golden Rule, Reason and Conscience, which are really important to Humanists to give them guidance on how to live and how to decide what is right and wrong. Look at the worksheets below to learn more.

#### Week 5 Maths Year4 Charts/Graphs https://whiterosemaths.com/homelearning/year-4/









Country	Number of hours sunshine
Spain	****
UK	***
Italy	****
Germany	**
Iceland	*

Key ——— = 3 hours



Use Mo's method to calculate the total hours of sunshine.

b) I can count how many sunshine symbols there are altogether and multiply that by 3



Use Rosie's method to calculate the total hours of sunshine.

hours

Which method is the most efficient? Will that always be the case?

	Film	Women	Men	Total
	А	364	618	
ĺ	В	411		895
ĺ	С	609	255	
	Total		1,357	

- a) Complete the table.
- b) Are these statements true or false?

More women than men watched one of the films.

Film B was the most popular.

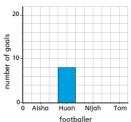
The bar chart represents the number of goals scored by four footballers.

Use the clues to complete the bar chart.

 Tom has scored 13 fewer goals than Aisha.

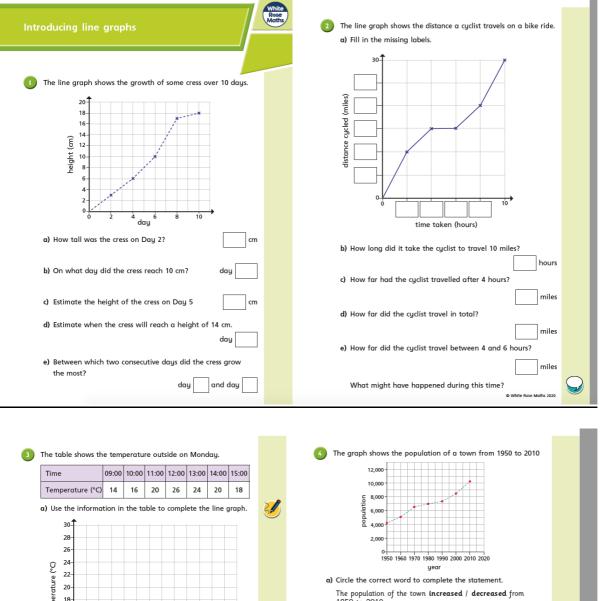
 Aisha has scored twice as many goals as Huan.

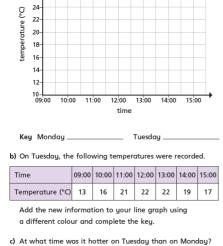
 Huan and Nijah combined have scored a total of 20 goals.

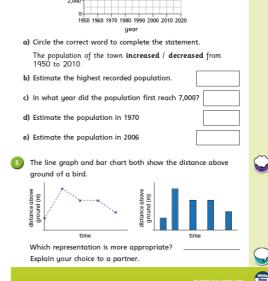


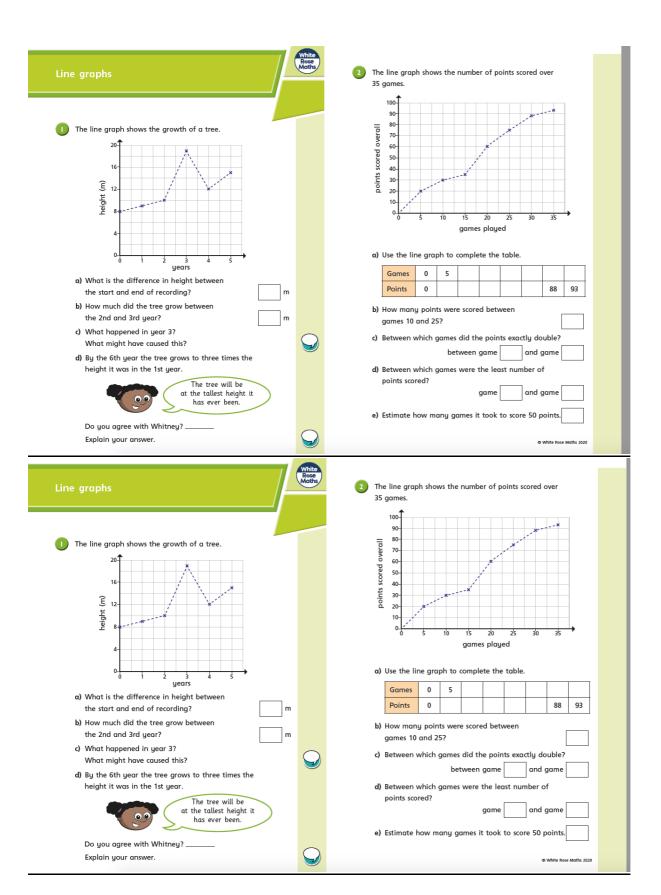


30

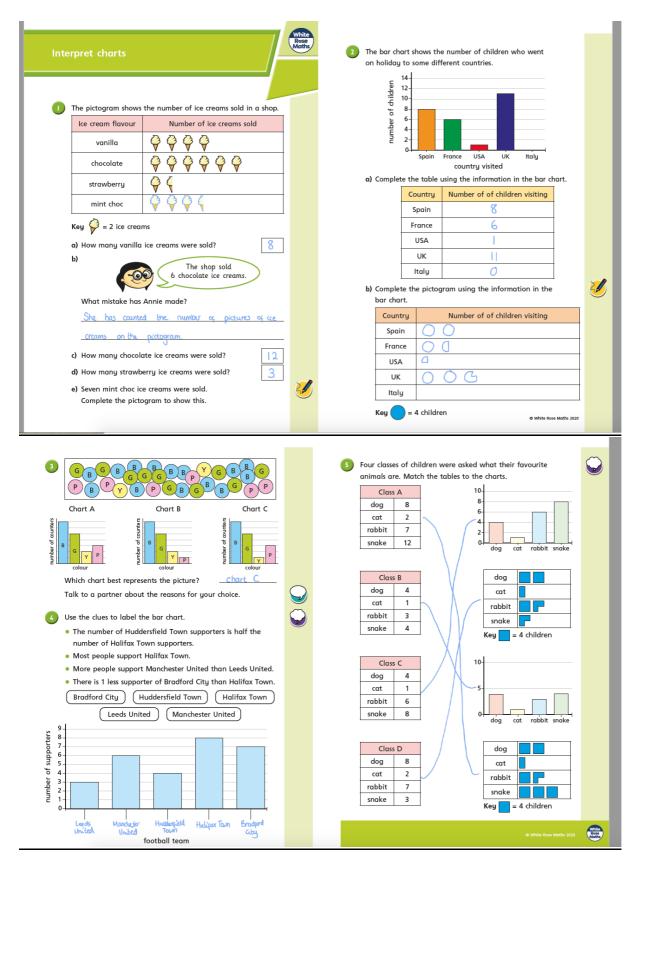








### **Answers Year 4**



## The bar chart shows the number of visitors to a museum 12 number of visitors 10 8-6-2 Mon Tues Wed Thurs

a) How many more visitors went to the museum on Tuesday than on Wednesday?

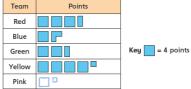
b) What is the difference between the number of visitors on Monday and the number of visitors on Friday?

c) What was the total number of visitors for the whole week?

d) If there were 3 times as many visitors on Saturday as there were on Thursday, how many people visited on Saturday?

21

The pictogram shows the points scored in a game by five teams.



a) Write <, > or = to compare the points scored by the teams.

Red ( < Blue and Green Red and Blue Green and Yellow Blue and Green Yellow

b) The Pink team scored half the number of points that the

Complete the pictogram for the Pink team.

c) Teddy is working out the difference in points between the Red and Green teams.



I can work out how many points each team scored and then subtract one from the other.

Is there another way Teddy could work out the answer?



30

Two children are asked to find out how many hours of sunshine there were altogether.

Country	Number of hours sunshine
Spain	****
UK	***
Italy	****
Germany	***
Iceland	<u>*</u>

Key = 3 hours

a)



I can find out how many hours sunshine each country has and then add up all the totals.

Use Mo's method to calculate the total hours of sunshine.

54 hours

b)

I can count how many sunshine symbols there are altogether and multiply that by 3



Use Rosie's method to calculate the total hours of sunshine

54 hours

Which method is the most efficient? Will that always be the case?

The table shows the number of men and women who watched three different films.

Film	Women	Men	Total
Α	364	618	982
В	411	484	895
С	609	255	864
Total	1,384	1,357	2,741

- a) Complete the table.
- b) Are these statements true or false?

More women than men watched one of the films.

colse

Film B was the most popular.

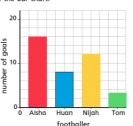
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Use the clues to complete the bar chart.

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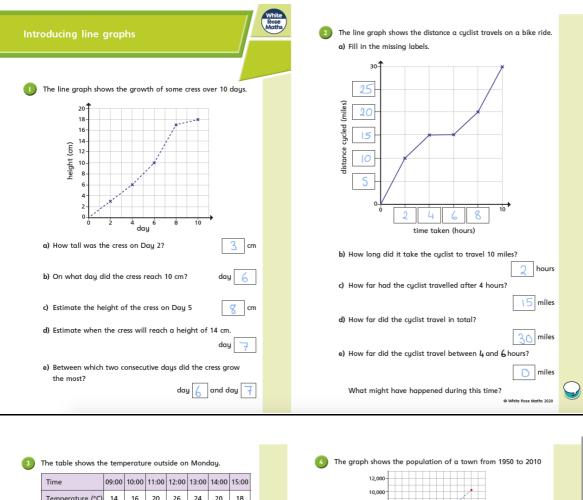
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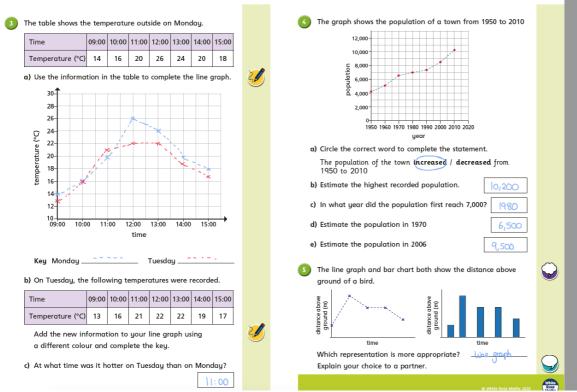


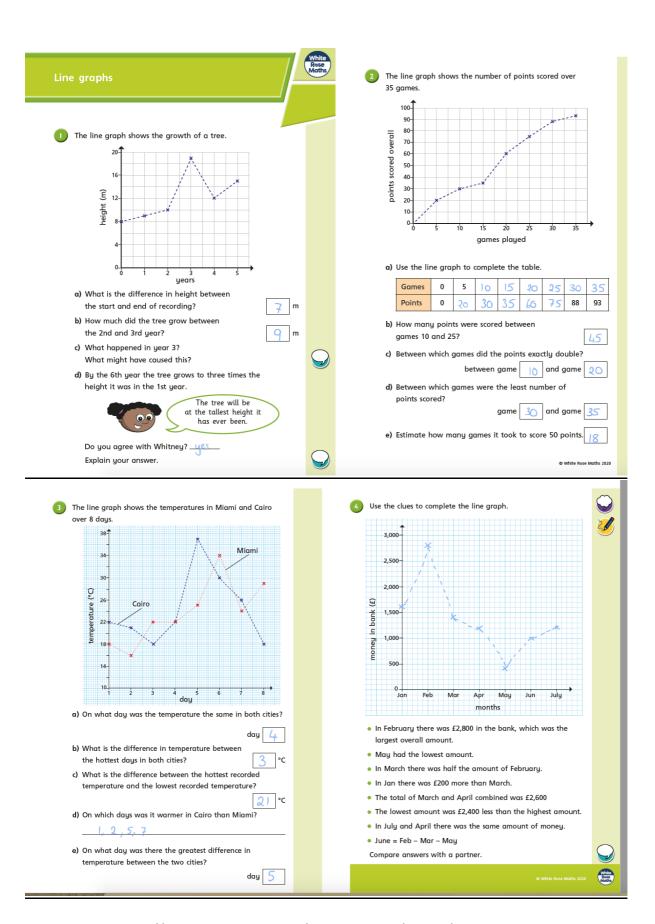


20

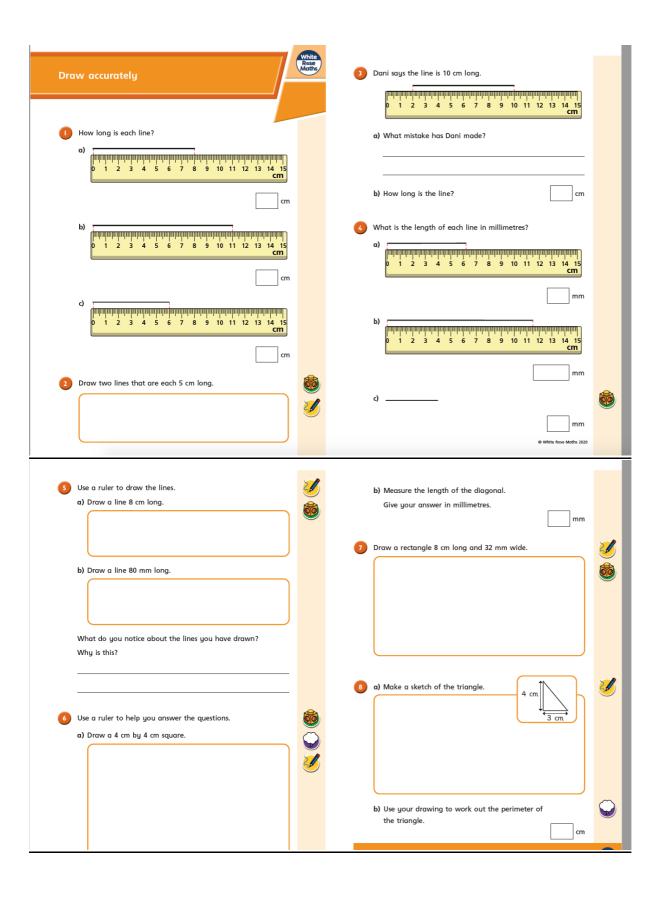


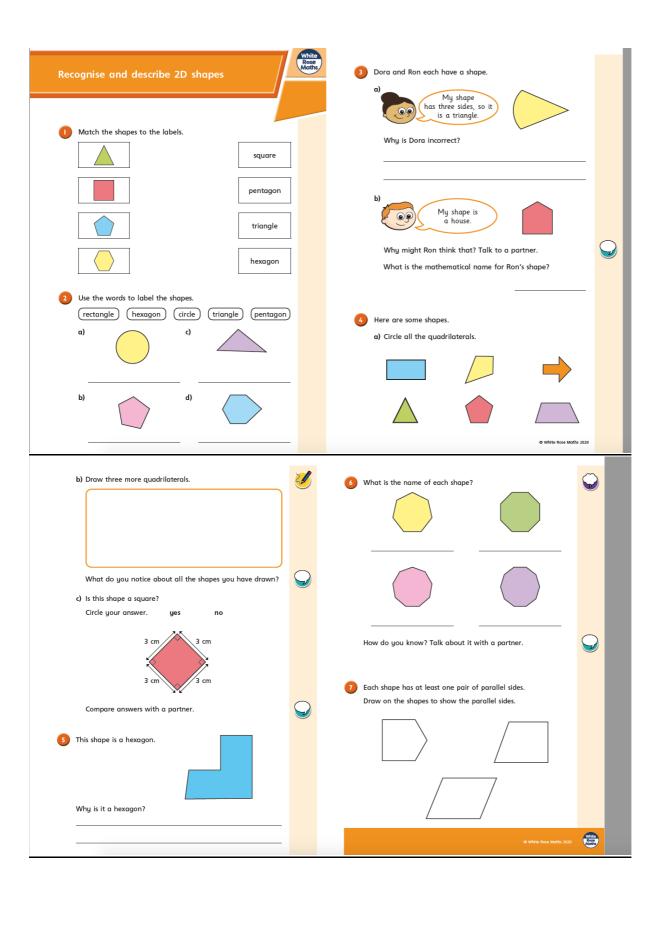






Year 3 maths https://whiterosemaths.com/homelearning/year-3/





#### Recognise and describe 3D shapes



Kim paints the faces of some 3D shapes. She stamps the faces on to a sheet of paper. Match the stamp to the 3D shape.





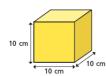








A cube is a special type of cuboid.

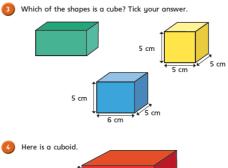


What is special about each face of a cube? Talk about it with a partner.









4 Here is a cuboid. 3 cm

What do you notice about the opposite faces of a cuboid?

Match the 3D shapes to the labels.







square-based pyramid

cylinder



- 6 Here are some shapes.
  - a) Circle all the triangular prisms.







b) Circle all the spheres.



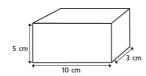




Complete the table.

Shape	Number of edges	Number of faces	Number of vertices

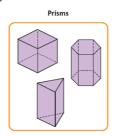
8 Here is a cuboid.

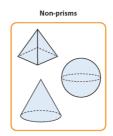


- a) Shade a face that is a 5 cm by 3 cm rectangle.
- b) What are the measurements of one of the other faces?



Huan sorts some shapes into prisms and non-prisms.

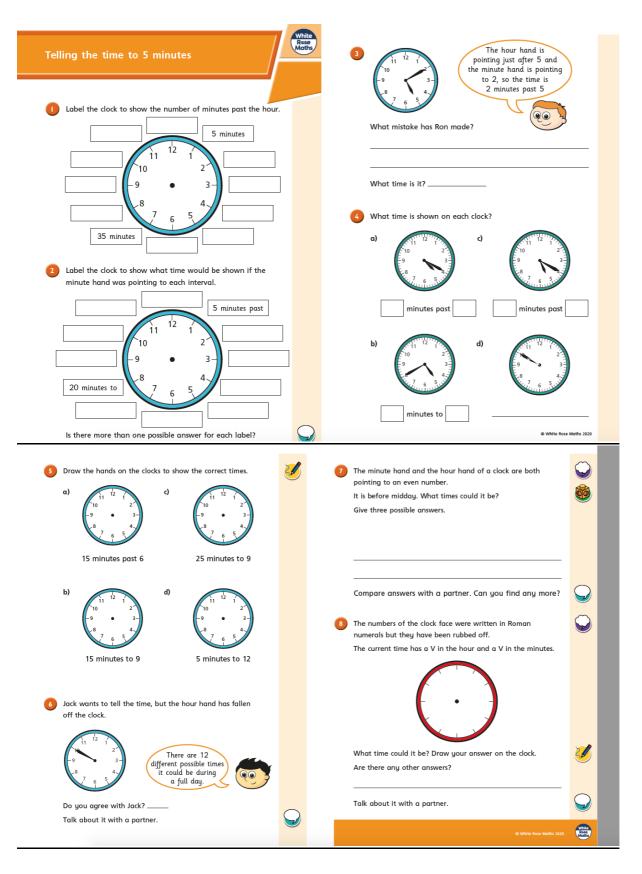




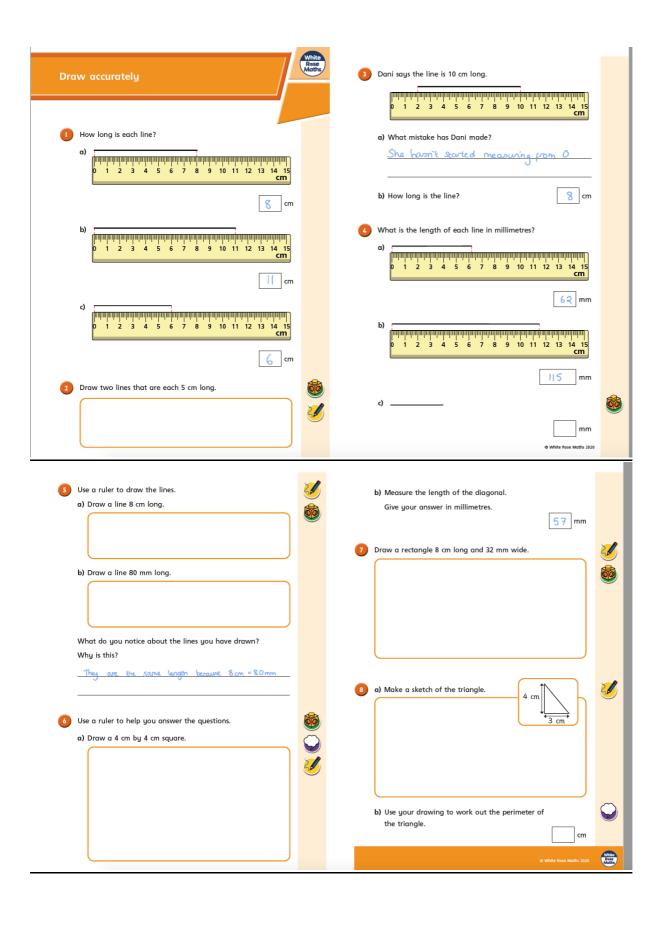
Talk to a partner about what a prism is like. Can you find any prisms and non-prisms in your classroom?

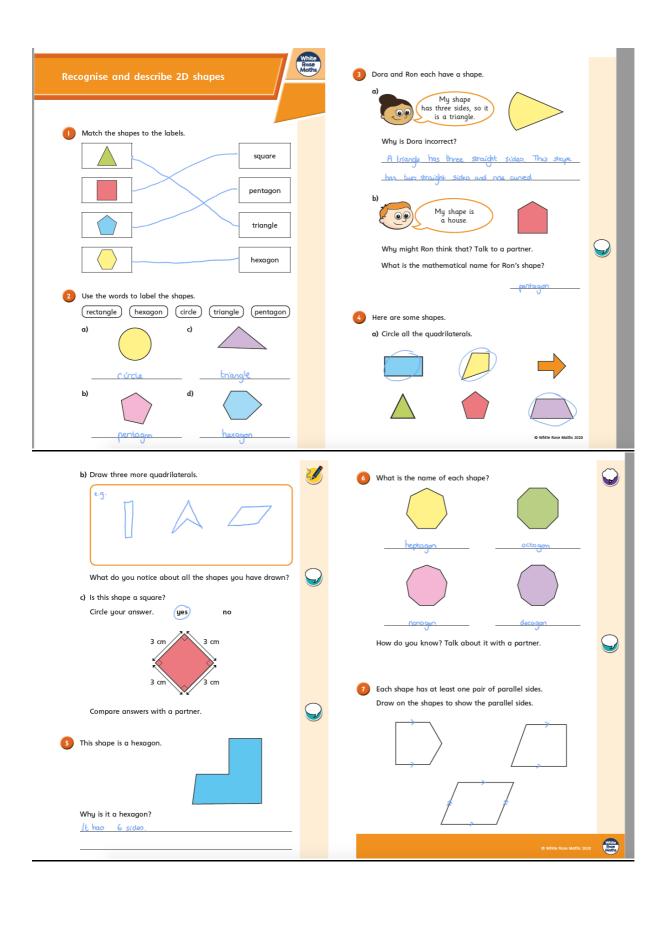






Year 3 Answers

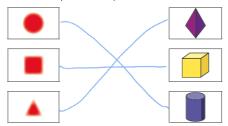




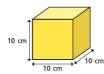




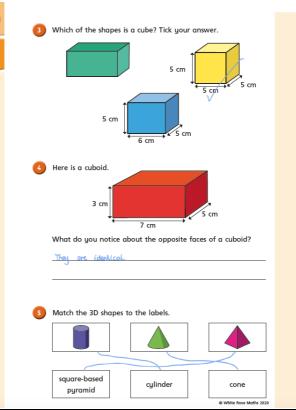
Kim paints the faces of some 3D shapes.
She stamps the faces on to a sheet of paper.
Match the stamp to the 3D shape.



A cube is a special type of cuboid.



What is special about each face of a cube? Talk about it with a partner.





a) Circle all the triangular prisms.







b) Circle all the spheres



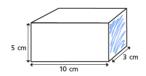




Complete the table.

Shape	Number of edges	Number of faces	Number of vertices
	12	6	8
	6	L	4
	9	5	6

8 Here is a cuboid.

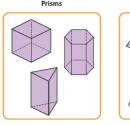


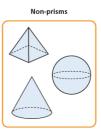
a) Shade a face that is a 5 cm by 3 cm rectangle.





Huan sorts some shapes into prisms and non-prisms.





Talk to a partner about what a prism is like.

Can you find any prisms and non-prisms in your classroom?



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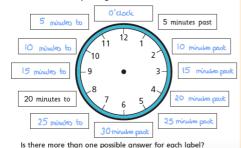
#### Telling the time to 5 minutes



Label the clock to show the number of minutes past the hour.



Label the clock to show what time would be shown if the minute hand was pointing to each interval.



The hour hand is pointing just after 5 and the minute hand is pointing to 2, so the time is 2 minutes past 5 What mistake has Ron made? The minute hand pointing to 2 means it minutes park not 2 minutes part What time is it? 10 minutes park 5 What time is shown on each clock? 20 minutes past 20 minutes past 4 5 20 minutes to





d)



15 minutes past 6

25 minutes to 9



15 minutes to 9



5 minutes to 12

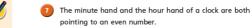
Jack wants to tell the time, but the hour hand has fallen

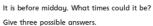


There are 12 different possible times it could be during a full day.



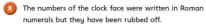
Do you agree with Jack? \_\_\_\_\_\_ Talk about it with a partner.







Compare answers with a partner. Can you find any more?



The current time has a V in the hour and a V in the minutes.



What time could it be? Draw your answer on the clock.

Are there any other answers?

various annuers

Talk about it with a partner.





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## RE: What can we learn from religions about deciding what is right and wrong?

#### Humanism

#### Knowing the difference between right and wrong

Read the following situations and dilemmas:

- I. You are playing football with your friends. You are all using Joe's football. Joe won't let Freddie play with his football, so now Freddie is left out of the game and has nobody to play with. What could you do?
- 2. Freya has a brand new toy in her tray. You all know that it is there because she showed it to you before school and you watched her put it away in the tray. She will not yet anyone else use it, but you and your friends really want a go. It's playtime and there is nobody in the classroom. That's when Amber suggests that a few of you go into class and take the toy out of Freya's tray. Everyone seems to think this is a good idea.

  What could you do?
- 3. Riley has not finished the maths problems that your teacher set and is finding them a bit tricky. Now Riley has to stay in at playtime to finish the maths and your teacher has asked if anyone can stay in to give Riley a hand. You were really looking forward to playing with your friends. What could you do?

Discuss with a family member possible different solutions to the situations. Which solution do the pupils think most people would choose? Which solution do they think is right to choose and how did they know this?

Choose one of the situations and complete the following conscience alley with 'right' solutions to the situation being represented on one side and 'wrong' ones being represented on the other.

Situation: I 2 or 3 (circle which one you	have chosen)
Right Solutions	Wrong solution

Discuss with a family member how easy or difficult it was for the person who walked through the centre of the alley to make their mind up. Is it always easy to choose to do the 'right' thing?

Sometimes a dilemma is shown as a cartoon where a character has an angel on one shoulder urging him/her to do the right thing and a devil urging him/her to do the wrong action. Do pupils think this is a good way to show how it feels when we are making a moral decision? Do they have any other ways of showing how it feels?

#### Being Good Without God

Previously we have looked at the Ten Commandments and Beatitudes and how they are the guidance from religions that help people from that faith to work out how to act in the right way. Many Christians and Jews believe that God inspired the Ten Commandments and Beatitudes — so they believe God has helped to give them guidance on how to live.

Humanists do not think that there is a God therefore they do not believe God teaches anyone how to live. There are three things which are really important to Humanists to give them guidance on how to live and how to decide what is right and wrong.

- I-The Golden Rule: Treat other people as you'd want to be treated in their situation; don't do things you wouldn't want to have done to you.
- 2 Using **reason**. When making a decision about how to act, many Humanists will try to make good choices. They will try to think about whether their actions will cause harm or good to others, animals, the environment etc. Many Humanists will use this reasoned thinking to help them know which actions are right to carry out.
- 3 Listening to their **conscience** which is a sense of right and wrong and a feeling that what is right should be done. Humanists believe is very important in helping them decide what is right.

Humanists do not feel that they need a holy book to help them know how to be good. They have their own reasoning and conscience to do that.

#### What do Humanists say?

The following are a selection of the quotes from Humanist children of primary school age:

- I. My parents have mostly taught me about love, forgiveness, justice and other values.
- 2. I learned my values from my mum and dad, from the books I read and my grandparents. I think my own thoughts too, when I see and hear my friends I think about their behaviour.
- 3. I have learnt sometimes you do have to forgive someone for what they have done.

Make a list of things that are important to the Humanist children who gave the quotes.

- 4. When I grow up I would like to be a judge and help make laws, so things can be fairer for people.
- 5. I also learnt to be truthful about a lot of things.
- 6. Children don't have to feel bad if they say they don't believe in God. It should be allowed to say you don't believe in things.
- 7. I have learnt that actually every single one of those things you do with love are the best things you do in life.

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 		 		<del></del>	

## What do they have in common?

Look again at the Beatitudes and Ten Commandments.

Can you find any similarities and/or differences between these pieces of religious guidance and what they know to be important to Humanists?

Similarities	Differences

#### **English Resources**

#### What is Persuasive Writing?

Persuasive texts are constructed to make the reader do something. They are non-fiction texts.

Persuasive texts can take a number of forms, for example an **advert** persuading you to buy some chocolate, a **poster** encouraging people to stop smoking or a **travel brochure** enticing the reader to go to a particular country.

Persuasive text often includes:

- repeated words
- alliterative words
- emotional language
- a strong argument
- rhetorical questions
- colourful and eye-catching fonts / capitalised words
- humour

Adverts are designed to persuade people to buy things. The text is written to try to make the product sound as fantastic as possible.

#### Uses of Persuasive Text

Persuasive text can be used in a variety of publications.

- Newspaper columns
- Letters to the Editor
- Advertising campaigns
- Academic essays
- Reviews
- Brochures
- Campaign flyers











#### **Persuasive Writing Examples**

## Why There Should Be a Match of the Day Programme for Women's Football

Anyone who likes football can close their eyes and hear the Match of the Day theme tune. They can hear the crowd noise, imagine the net bulging and picture the players celebrating another goal. However, the players are always men. Why? I strongly believe that women's football should be given equal billing with men's football and that would include having the same programme for women each week.

Women's football is a popular and growing sport and should be represented on TV. Football is the most popular team sport for women, the crowds at games are getting bigger and the skill levels are even better than those in the men's game. It is time to give women's football equal standing on TV.

Girls who enjoy playing football should have access to role models that can be a positive influence for them. Not many people know the names of women's football stars. If girls could be more familiar with women who had become professional players, they would be more likely to train hard to try and achieve the same thing.

It is hugely important to give boys and girls equal rights in everything. Females are paid on average less than males and are not represented equally in films. As football is the national sport in the UK, it makes really good sense for football to lead the way in this. Wouldn't you like to have a world where everybody is treated equally?

Undoubtedly, the time has come to air a Match of the Day programme for women too. This would be the perfect way to provide positive role models for girls and combat inequality. The time is now.

#### Dear Mr. Jones,

I am writing to you because I would like to see harsher penalties imposed on dog owners who allow their pets to foul the pavements and not clear up the mess. I see new piles of dog waste every day when I walk to school. I feel very strongly that this is not acceptable and I would like you to do something about it.

Children especially do not look at the ground as carefully as adults because they are often playing or skipping or running. Obviously, they are much more likely to step in dog mess. This has happened to me several times recently and also to many of my friends.

When you get dog mess on your shoes, everyone knows about it. The horrid smell makes you feel ashamed, almost as if everyone is looking at you and you often have to take your shoes off and leave them outside or run the risk of getting poo all over you when you try to clean your shoes. Why should children be made to feel like this?

If people choose to own dogs, then they should make sure that the pavements are left suitable for everyone to use. It is totally obvious that clearing up dog mess is just as much a part of owning a dog

as feeding it or taking it for walks. If owners are not prepared to clean up after their dog, then they should not own one.

In summary, I am fed up of ordinary people, particularly children, suffering while they go about their daily business as a result of the laziness of some dog owners. While I appreciate that most dog owners take their responsibilities seriously, I think that those who don't should pay a much heavier penalty.

Yours sincerely,

Mr. I. Trodinit.

## Why You Should Vote for me in the School Council Elections

Good afternoon, my name is Natalie Hicks and I would like to explain why you should vote for me in the school council elections on May 1st.

I have been attending this school since I was 5 years old so I care a lot about what happens here. I learned to read at this school, I lost my first tooth at this school and I have enjoyed every minute of my time here. However, I think that together we could make some changes that would benefit everyone.

Have you ever wondered what playtime would be like if the equipment we had was even better? How about if you got to choose how any money raised at the school was spent? I plan to arrange new and exciting fundraising opportunities and then ask you - the children - what we should spend our money on to make sure we have the best playtime toys possible.

Furthermore, I will make an excellent school councillor because I have really good ideas. I have shown this in my school work and in my enterprise projects. I know what children at this school want because I have a lot of friends and I talk to lots of people. I am good at talking to adults – it always says so on my school reports.

Additionally, I am trustworthy and honest. This is an extremely important quality in a school councillor. If my friends tell me a secret, they can depend on me not to tell anyone else. Just the other day I found £5 in the playground and handed it straight in to the office.

I have explained why I am undoubtedly the best candidate for this position. I know the school, I have good ideas which I can communicate and I am reliable and honest. Vote for me!

# What is a rhetorical question?

# Rhetorical questions are questions that do not expect an answer.

A rhetorical question is a question asked to make a point, rather than get an answer.

If you have ever been late, someone might say: **'What time do you call this?'** This person doesn't want an answer to the question. They are making the point that you have arrived at an unacceptable time.

## Writing to persuade

Rhetorical questions are a useful technique in persuasive writing. As there is nobody to answer the question, a rhetorical question is usually designed to speak directly to the reader. It allows the reader a moment to pause and think about the question. For that reason, they are effective in hooking a reader's interest and making them think about their own response to the question in hand.

- 'Who wouldn't want to be a millionaire?'
- 'Do we really want our planet to survive?'
- 'Wouldn't you feel happier if you could wear what you wanted to school?'

## **FRENCH**



English	French
upset	vexé
surprised	étonné
happy	heureux
tired	fatigué
comfortable	confortable
uncomfortabl	einconfortable
disgusted	dégoûté
calm	calme
nervous	nerveux

English	French
nervous	nerveux
in pain	avoir mal
worried	inquiet
sick	malade
well	bien
relieved	soulagé
lonely	seul
sad	triste

English	French
proud	fier
excited	excité
scared	avoir peur
embarrassed	embarassé
bored	qui s'ennuie
confused	embrouillé
frustrated	frustré
angry	furieux