

THE BOLSOVER SCHOOL

Part of the
REDHILL ACADEMY TRUST
Exsisto Optimus



Nothing but the best



Transition Work Book

2021

Welcome to The Bolsover School

We hope you are looking forward to joining The Bolsover School in September as the class of 2021. We have lots of exciting things in store for you both in lessons and with our programme of Curriculum Plus activities. You have all worked really hard in Year 6, both within school and when learning at home and will be looking forward to the summer holidays. It is important that you have a well-earned rest and come back refreshed and ready to go in September. However, six weeks is a long time and we think it is beneficial to keep thinking and learning new things. Therefore, we have produced this booklet to provide you with some activities to do that are linked to each of the subjects you will study at our school. These booklets will be returned to your form tutor during the first couple of weeks when you start with us and there will be some House points and some prizes for the best ones in each tutor group and House.

Below is the Bolsover School vision. These are the characteristics and values that will be at the forefront of everything you do over the next five years you are with us. Have a think about which of the 10 core values you're going to aim for first.



The Bolsover School *'Nothing but the Best'*

Trust

- *High Expectation*
- *Confident Learners*
- *Respectful*
- *Widen Experiences*
- *Critical Minds*
- *Subject Experts*

Brave

- *Limitless*
- *Creative*
- *Thirst for learning*
- *Active Learners*
- *Responsible Citizens*
- *Personal Development focused*

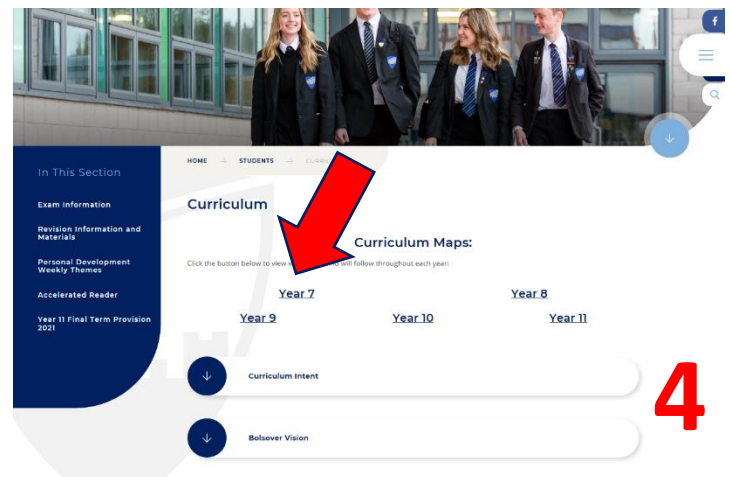
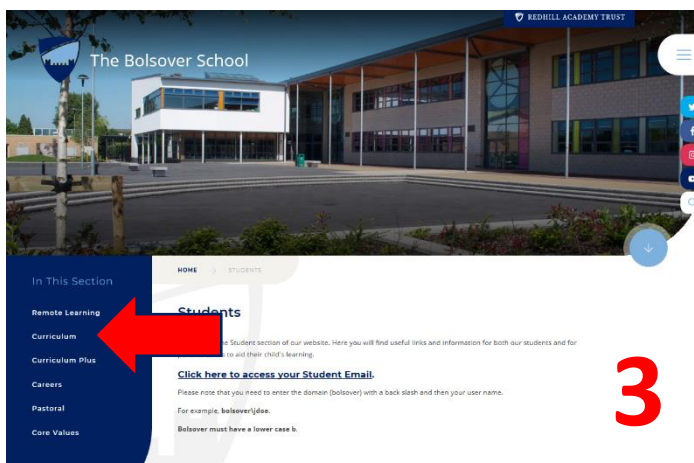
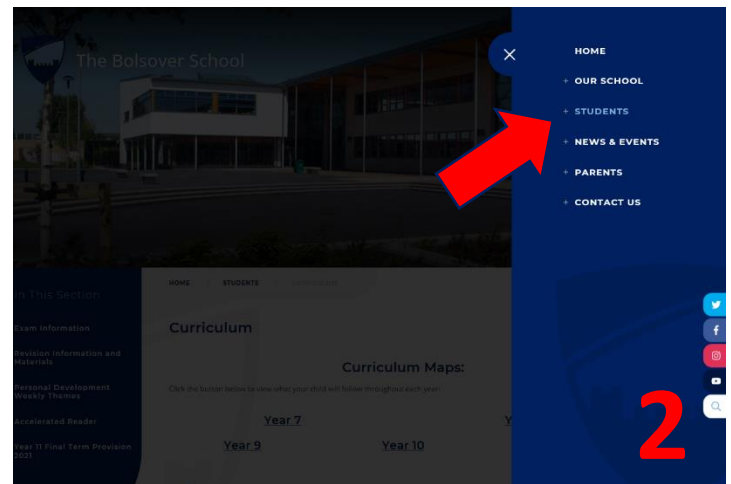
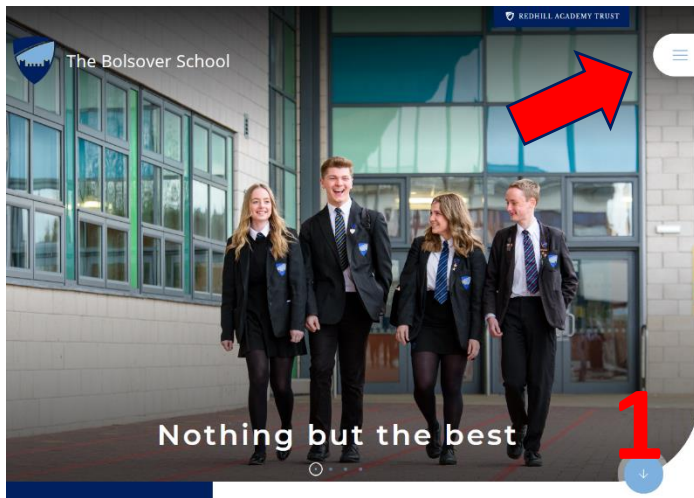
Success

- *Celebrate Achievement*
- *Strong Destinations*
- *Broad & Balanced offer*
- *Literacy focused*
- *Achieving Excellence*
- *Teaching & Learning emphasis*

Core Values

1. *To participate in a careers or curriculum based visit to enrich your education*
2. *To organise individually or as a team member a charity fund raising activity*
3. *To represent your house in at least 10 disciplines*
4. *To make a significant contribution to an arts event within the school*
5. *To represent the school in sports on more than one occasion*
6. *To participate in a curriculum plus activity and/or secure a recognised community award*
7. *To secure a school position of responsibility*
8. *To undertake 3 public speaking events or assemblies*
9. *To lead an effect school based enterprise venture*
10. *Individual target*

Our full Year 7 curriculum map in just four easy clicks



If you want to know what you're going to learn in each subject throughout the year then all you need to do is go to our website.

In just a four simple clicks you will be able to see the full curriculum map for Year 7 which details when you will study all the different topics for each of your subjects.

1. Click on the three small horizontal lines on the top right-hand corner of our home page.
2. Click on 'Students'.
3. Click on 'Curriculum'.
4. Click on 'Year 7'.

ART: 'ARTIST IN A BOX' SUMMER PROJECT

WEBSITES TO VISIT

Watch videos & have a go at some of the tutorials to develop your skills:

Tate Kids

<https://www.tate.org.uk/kids>

BBC Bitesize

<https://www.bbc.co.uk/bitesize/subjects/z6hs34>



The Kids Should See This

<https://thekidshouldseethis.com/tagged/art>

Rijksmuseum Creative YouTube Channel

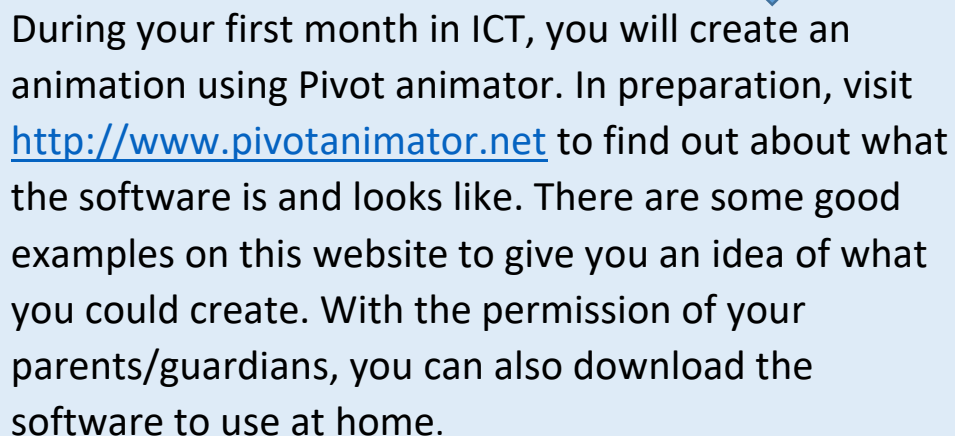
<https://www.youtube.com/channel/UCSyJmmPVVRZ3Clqm5lqSjMw>

YOUR CHALLENGE:

- Research an artist that you like. Choose one that has a recognisable style from here:
<https://www.tate.org.uk/kids/explore/whos-who>
- Find out some key facts about why the artist has created work in the way that they have.
 - Find a box, no bigger than a shoebox
- Fill the box so it represents your artist. Use things like pictures, colours, symbols, objects, your own work painted in the artist's style, information etc.
 - Use your imagination!



Welcome Y6



TASK: Plan out your own Pivot animation based on the research you have carried out. In lessons you will have two hours to complete your very own Pivot animation.

Ensure you follow the same format as below.

[illegible]

YouTube mobile receives over **100,000,000** views per day

YouTube's average user spends **15** minutes per day on the site

"HOW TO" Is the fastest growing video category.

USER INTERACTIVITY > More than 50% of videos on YouTube have been rated or include comments

YouTube is localized in **25** countries across **43** languages

Hello Bonjour
Goodedag
holai
Bonjour Guten Tag
hello Ciao
Bonjour

Task: Using the example above as a guide, create your own binary monster. Your task should be completed on a piece of paper and handed into your ICT teacher during your first lesson.

Try something challenging: Start to look at Computer programming using the Code Academy website. Sign up and start to look at programming using Python at your own pace. <https://www.codecademy.com/>

Meet the department



Mr Roberts

Mr McPhillips

Mr Downes



Design Technology Product in a tin



•For this design challenge, you will need to make your own, creative product that will fit into a tin the same size as a Pringles snack tin. The exact dimensions are at the bottom of this page in case you are unable to get a tin.

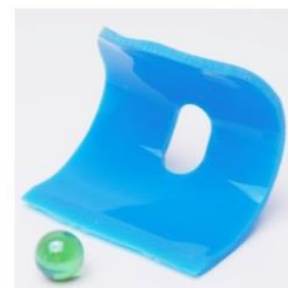
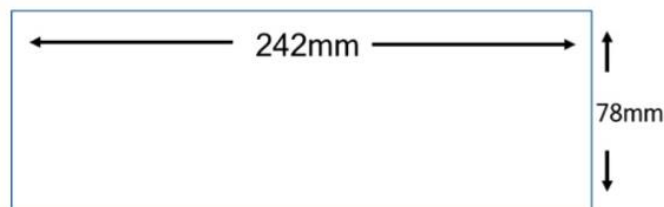
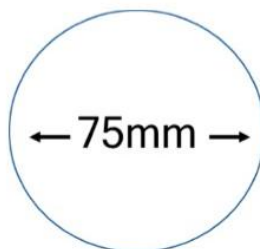
•The product should be made using materials from **AT LEAST TWO** of the main materials categories used in Design & Technology - wood, metal, plastic, textiles and paper/board.

•The product must be able to fit in the tin with the lid closed. It can be rolled, folded or taken apart to fit in to the tin (but remember it must be a finished product and not a materials & components kit).

•Any product can be created but it must be designed for a particular user (target audience) and have a purpose/function.

•You can also decorate the tin with your own packaging for the product, if you do not have a tin or can't get one then you can just create the product. You may want to include a poster or instruction leaflet.

•Examples of components and parts you might use to add a different material category to your work could include things like a metal wing nut and bolt, a plastic clip fastener, an embroidered patch and metal split rings.



English

Write up a diary entry of something you did over the summer.

You must include:

- Something exciting or interesting
- A simile to describe your feelings
- What made it exciting
- A range of verbs
- An element that is completely fantastical – can you make it subtle?

OR

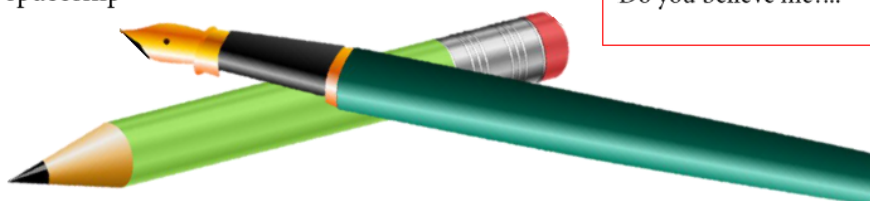
An alien spaceship landed in your back garden over the summer!

Write up a diary entry that describes the spaceship and what happens.

You must include:

- A simile to describe the spaceship
- Powerful adjectives
- Verbs
- Alliteration
- Rhetorical questions

Dear diary...



Possible sentence starters;

Dear diary...
I peered around the window...
I could hear...
Creepily, it came towards me...
Beautifully flying...
Like a flare...
I could see...
Suddenly, it...
I couldn't believe it...
Is this really happening?...
Do you believe me?...

Suggested Reading:

<https://schoolreadinglist.co.uk/reading-lists-for-ks2-school-pupils/suggested-reading-list-for-year-6-pupils-ks2-age-10-11/>

- The Percy Jackson series (Greek Myths)
- *Henry V: Shakespeare Stories for Children* (A Shakespeare Story)
- *The London Eye Mystery* by Patrick Ness
- *A Boy Called Hope* by Laura Williamson

Suggested Activities:

<https://www.nationaltheatre.org.uk/nt-at-home> (Enjoy world-class theatre while theatres are closed)

<https://ed.ted.com/lessons/where-did-english-come-from-claire-bowern>

<https://ed.ted.com/lessons/where-do-new-words-come-from-marcel-danesi>

Name: _____

Date: _____



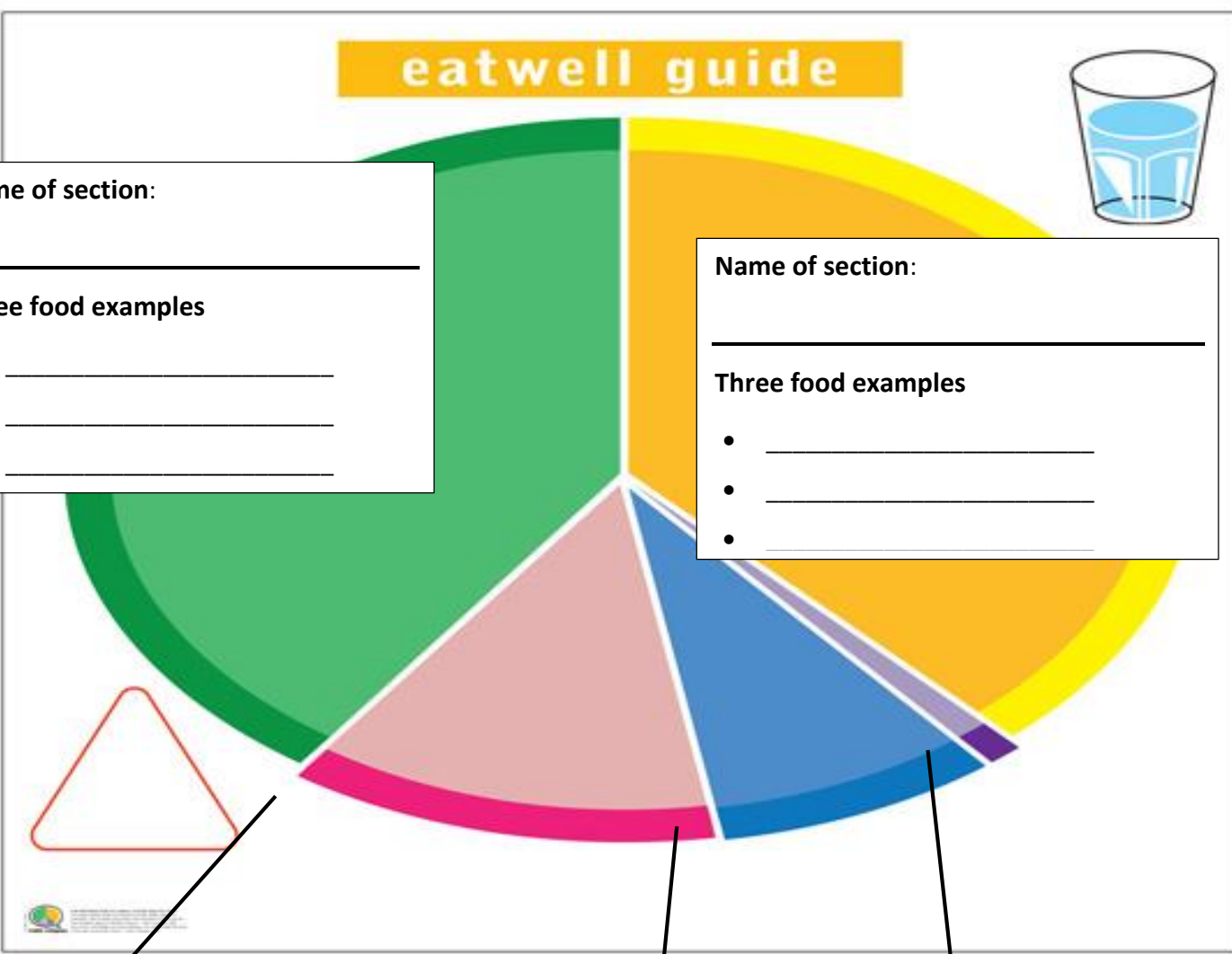
Year 6

Food Preparation and Nutrition

Healthy eating: Packed lunch project.

Tasks:

1. Label the main sections of the eatwell guide.
2. State three food examples for each section.



eatwell guide

Name of section:

Three food examples

- _____
- _____
- _____

Name of section:

Three food examples

- _____
- _____
- _____

Name of section:

Three food examples

- _____
- _____
- _____

Name of section:

Three food examples

- _____
- _____
- _____

Name of section:

Three food examples

- _____
- _____
- _____

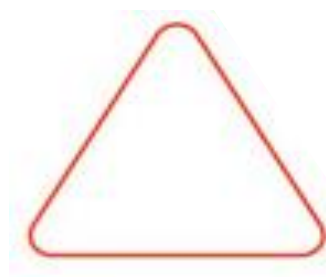
Use this website: <https://www.nhs.uk/live-well/eat-well/the-eatwell-guide/>

Research the eight tips for healthy eating. Remember to be specific.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Question:

Which food should you try to avoid? (2 marks)



Why?

(2 marks)



As you make the move to secondary school, it's time for you to take increasing responsibility for the foods you eat.

You may choose to take a packed lunch or select foods from the school canteen.

<https://youtu.be/1tJYcNt6Bpk>

Now set yourself FIVE golden rules you are going to follow for your packed lunch:

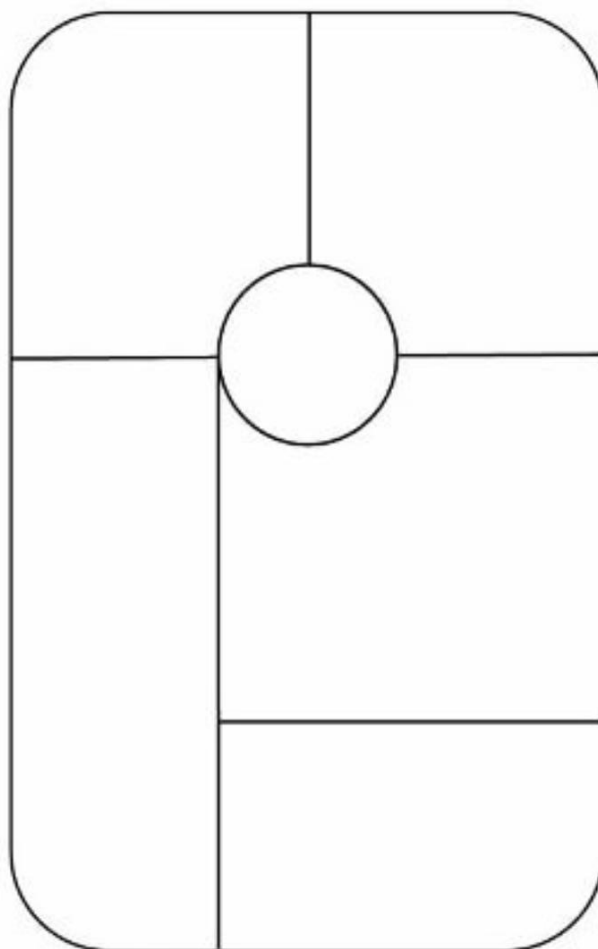
1. _____
2. _____
3. _____
4. _____
5. _____



Research and explain: Why are wise food choices so important?

You can use the template below or devise your own to present your healthy packed lunch. It is important that you clearly label your work with:

- Name of food
- Section of the eatwell guide
- How it meets the eight tips for healthy eating?
- The health benefits of your food choices.



Peer assessment:

WWW: _

EBI: _

Stretch and challenge

Calculate the nutritional content of your packed lunch use:

<http://explorefood.foodafactoflife.org.uk>

To produce a professional label like this one.

Each serving (150g) contains

Energy 1046kJ 250kcal	Fat 3.0g LOW	Saturates 1.3g LOW	Sugars 34g HIGH	Salt 0.9g MED
13%	4%	7%	38%	15%

of an adult's reference intake

Typical values (as sold) per 100g: 697kJ/ 167kcal

1. Click on the icon calculate recipe.
2. Enter the name of your product.
3. Type in the foods/ingredients – keep them simple e.g. just type in cheese and search for cheddar. (use the side bar to scroll down – ingredients listed alphabetically.)
4. Add in amount.
5. When all ingredients have been entered – click – view summary.
6. Enter the number of portions.
7. Click calculate.
8. Click create label.
9. Enter product name.
10. Print screen using: Fn F11
11. Open a word document ctrl V.
12. Crop image.

Add your label here.

There are guidelines to tell you if a food is high in fat, saturated fat, salt, sugar or not.

Total fat

High: more than 17.5g of fat per 100g

Low: 3g of fat or less per 100g

Saturated fat

High: more than 5g of fat per 100g

Low: 1.5g of fat or less per 100g

Sugars

High: more than 22.5g of total sugars per 100g

Low: 5g of total sugars or less per 100g

Salt

High: more than 1.5g of salt per 100g (or 0.6g sodium)

Low: 0.3g of salt or less per 100g (or 0.1g sodium)

Now comment on how well your packed lunch meets your needs, refer back to the healthy eating guidelines and the guidelines above.

(You will need to do this on lined paper.)

Homework:










To make your ideal packed lunch at home and if a parent, grandparent, carer or teacher is able to email me a photograph, it would be lovely to see your pack lunches! - my email address is:

scrossley@bolsover.derbyshire.sch.uk








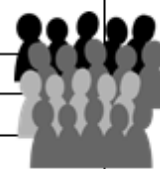

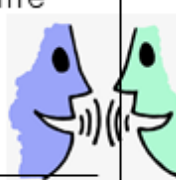
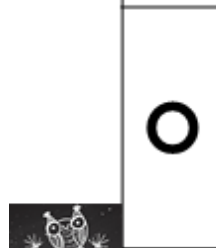



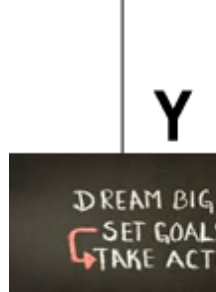

GEOGRAPHY HOLIDAY CHALLENGE

Over the 6 week's holiday see if you can complete the 9 challenges below:

G	Go to a local land mark and write a description below: _____ _____ _____	
E	Explain why you think Bolsover Castle was built where it is: _____ _____ _____	
O	Open your wardrobe and find out what country your 3 favourite items of clothing were made in: _____ _____ _____	
G	Go through your kitchen cupboard and find 3 food items with palm oil in: _____ _____ _____	
R	Read a map. It could be an Ordnance Survey one, a road atlas, a leaflet from a tourist attraction or a map on your phone/computer/tablet. Try and picture what the place looks like in real life.	
A	Angry! That's how the plastic in the oceans makes me feel! What things make you feel angry?: _____ _____ _____	
P	Put yourself in the position of a bird flying over your house. What would it look like? Sketch here:	
H	Happiness is a fantastic thing! Name 3 things in your local area that make you happy: _____ _____ _____	
Y	You are about to start at the Bolsover School. Describe your new route to school: _____ _____ _____	

History Holiday Challenge

Over the 6 week's holiday see if you can complete the 7 challenges below:

 H	<p>Happiness is a fantastic thing! Name 3 things in your local area that make you happy:</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> 
 I	<p>Investigate a historical building or place from your local area, for example, Bolsover Castle, Hardwick Hall, Cresswell Crag (you could visit or look it up on the internet or at the library).</p> <p>I have investigated: _____</p> <p>I found out: _____</p> 
 S	<p>So what time period, group of people or country are you interested in from history? Why?</p> <p>_____</p> <p>_____</p> <p>_____</p> 
 T	<p>Take time to speak to an older relative or person you know and write down their memories of Derbyshire from when they were a child.</p> <p>Who did you speak to? _____</p> <p>What did they say? _____</p> <p>_____</p> <p>_____</p> 
 O	<p>Open your eyes and look at the different types of building in the area you live in. What did you see? _____</p> <p>_____</p> <p>_____</p> 
 R	<p>Read a book, magazine or website about a famous battle, person or event in history – you choose which country you want to look at. I have looked at: _____</p> <p>I found out: _____</p> <p>_____</p> <p>_____</p> 
 Y	<p>You are about to start your journey at secondary school. What are you looking forward to?</p> <p>_____</p> <p>_____</p> <p>_____</p> 

Maths department - Mini Murder Mystery

Fractions, decimals & percentages

Who

One of the 4 characters below has murdered Mrs X. Analyse the number problems to discover the murderer.

Each one has said which of the numerical statements they believe are true or false. The innocent people have only made 1 or 2 errors. The guilty person has made 3 errors.

- A) 40% of 500 is 200
B) Half of 390 is 180
C) 0.6 is the same as 6%
D) 0.25 is the same as 2.5

- E) $0.6 \times 300 = 50$
F) $\frac{3}{4} \times 90 = 60$
G) Half of $\frac{8}{10}$ is $\frac{4}{5}$
H) 0.085 is the same as $8\frac{1}{2}\%$

The mad scientist said

- A is true
C is true
D is false
H is true



The silly boy said

- E is true
G is false
B is false
D is false



The chef said

- G is false
C is true
D is true
F is true



The artist said

- D is true
C is false
E is true
B is false



Where

The murder took place where these are in ascending order

$0.109, \frac{1}{10}, 11\%, \frac{90}{1000}, 0.099$

Nottingham if this order is correct

$\frac{90}{1000}, 0.099, \frac{1}{10}, 0.109, 11\%$

Derby if this order is correct

$0.109, 0.099, \frac{1}{10}, \frac{90}{1000}, 11\%$

Sheffield if this order is correct

$11\%, 0.109, \frac{1}{10}, 0.099, \frac{90}{1000}$

Leicester if this order is correct

$\frac{1}{10}, \frac{90}{1000}, 11\%, 0.099, 0.109$

When Calculate each answer to find the time and date

Add these fractions together $\frac{5}{8} + 2\frac{1}{6} =$	A) $2\frac{6}{14}$ The time was 6:14 pm	B) $2\frac{19}{24}$ The time was 19:24
	C) $2\frac{6}{24}$ The time was 6:24 pm	D) $\frac{18}{14}$ The time was 8:14 pm
Subtract these fractions $2\frac{2}{5} - \frac{7}{10} =$	A) $1\frac{1}{10}$ The date was 1/1/19	B) $1\frac{3}{10}$ The date was 1/3/19
	C) $1\frac{7}{10}$ The date was 1/7/19	D) $3\frac{7}{10}$ The date was 3/7/19

Why. Decode the message to find out why Mrs X was killed

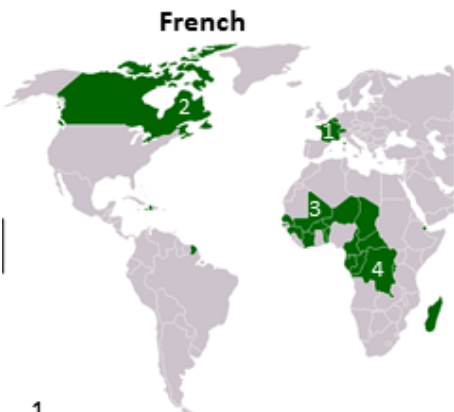
a		b		c		d		e	
20 ÷ 0.5		$1.8 \times \frac{1}{2}$		4.5 + 6.5		$36 \times \frac{3}{4}$		$3 \div \frac{1}{4}$	
f		g		h		i		j	
$\frac{2}{5} \times 15$		$\frac{3}{10} \times 5$		$3\frac{7}{8} + 1\frac{1}{8}$		0.95 × 2		Half of 66	
k		l		m		n		o	
$\frac{7}{12} - \frac{1}{6}$		$6 \div \frac{1}{5}$		$\frac{1}{4} \times 2 \times 2$		0.7 × 0.7		$\frac{5}{8} \times 4$	
p		q		r		s		t	
5% of 40		26% as a decimal		15% of 50		$\frac{1}{4} \times \frac{4}{5}$		10% of 36	
u		v		w		x		y or z	
$3 \div \frac{3}{4}$		1.5 ÷ 2		$4 - 3\frac{3}{4}$		$\frac{3}{5}$ of 30		$1\frac{1}{2} \times 6$	
$\frac{1}{5}$	5	12	27	1.9	27	0.49	3.6	30	1.9
$\frac{5}{12}$	12	6	7.5	40	11	3.6	1.9	2.5	0.49
$\frac{1}{5}$	40	0.49	27	1.9	30	2.5	0.75	12	3.6
5	12	1							

Final Accusation

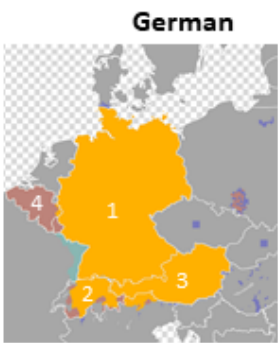
Who	
Where	
When	
Why	

French is an official language in **29** countries! **German** is the most spoken language in Europe and **Spanish** is the **2nd** most spoken language in the world!

Section A. Can you name the countries which speak the languages, below?



- 1. _____
- 2. _____
- 3. _____
- 4. _____



- 1. _____
- 2. _____
- 3. _____
- 4. _____



- 1. _____
- 2. _____
- 3. _____
- 4. _____

Foreign languages often contain cognates (words which look or sound like English words) which can help you guess what they mean even when you haven't seen them before.

Section B: Can you translate the texts below into English, using the cognates to help?



J'**adore** le **sport**, par **exemple** le **foot** et le **tennis de table** mais je **déteste** le **cyclisme** et aller au **cinéma**. Mon **passe-temps préféré**, c'est les **jeux-video**.



Ich **finde Bücher interessant** und ich bin **sportlich**. Ich gehe **schwimmen** und ich **jogge** mit meinen **Freunden**. In meiner **Freizeit** spiele ich **oft Gitarre**.



El **ciclismo** es **interesante** y me fascinan los **reptiles**. Mi **actividad favorito** es ver la **televisión**. **Detesto** los **espaguetis** y la **música** es **irritante**.

Why learn a foreign language?

- to get a better understanding of your own language!
- to improve your communication skills!
- to help you travel the world!
- to get an understanding of different countries!
- to help you travel the world!
- to help you get into University!

Section C: Time for more? Go to <https://bit.ly/2Wb7R3V> and take an online quiz to test your expertise!



Welcome to the Music page!

My name is Mr Stacey. In Music we will be studying lots of different styles and genres of Music, learning about different composers and performing and composing on the instruments within the department.



Work out the composer from these clues:-
American, symphony orchestra,
1932, over 80 film scores, Jazz
pianist

Who am I?

.....

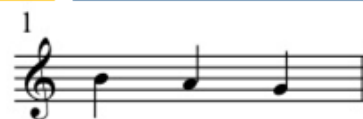
Take a look at this website and
have a go at some of the activities

<https://www.mydso.com/dso-kids/>

What am I?



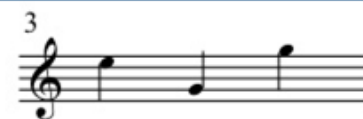
Using the information on this page can you work out the 6 words below?



— — —



— — —



— — —



— — —



— — —



— — —



Which do you like best?
And why do you like it?

Rainbow – Since you've been gone
Mozart - Eine kleine nachtmusik
Schwartz – Defying Gravity

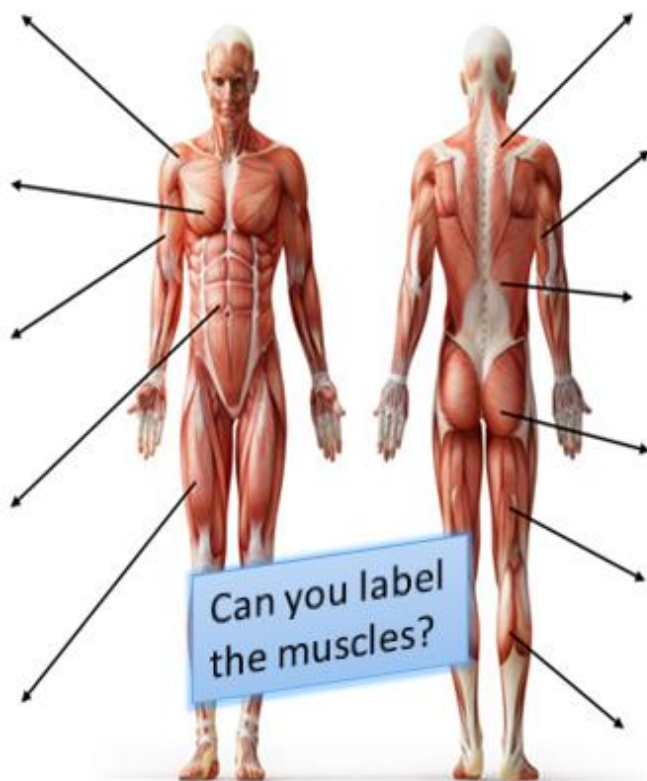


Y7 Physical Education 2021-2022



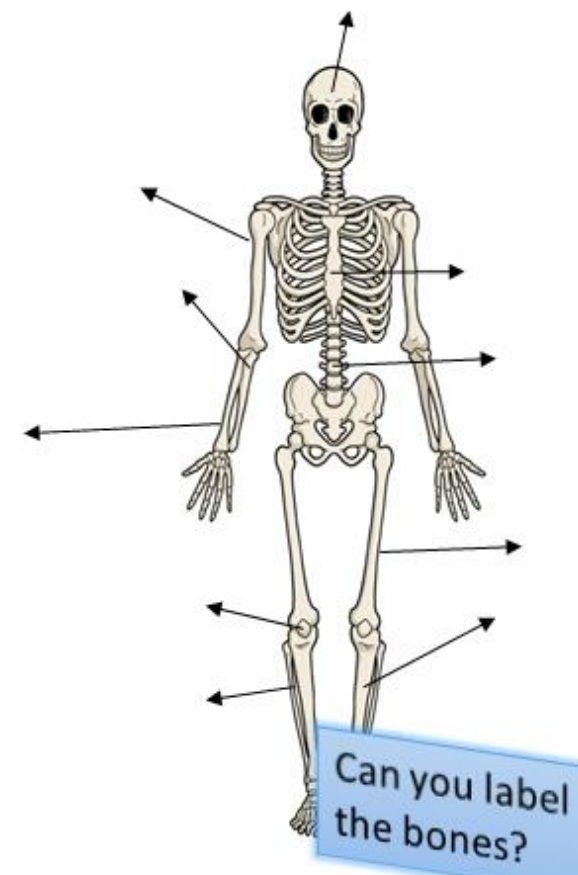
Create a sporting profile of yourself.
Things you may wish to include:

- Name the sports you participate in.
- How long you have been doing these sports for.
- List your sporting achievements.
- Include pictures if you wish.
- The reasons why you participate.
- What does sport mean to you?
- Who is your sporting idol and why.



Extension:

1. Can you run continuously for 5 minutes without stopping?
Challenge - Are you able to do this at least once per week during the summer holidays?
2. Keep an exercise diary of the activities you take part in during the Summer holidays.
Challenge - Are you able to take part in at least 1 sporting activity per week?





RE Holiday Challenge

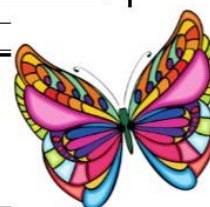
Over the 6 week's holiday see if you can complete the 8 challenges below:



R
E

Read one of the following stories: Noah, Moses, Good Samaritan – what is the lesson?

Explore your local area and draw what you can see.



L

Look for religious buildings – make a list of them

<https://www.taj-mahal.net/newtaj/>



I

Investigate what a symbol is and design one to represent you.



G

Go and talk to a grown up, ask them what they know about religion.



I

Investigate a local church – what happens there?

<https://www.canterbury-cathedral.org/visit/information/tour/>



O

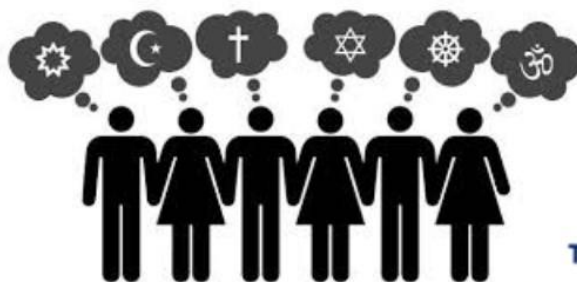
Open your eyes to the world we live in – draw a picture of something you find inspiring.



• <http://sgpc.net/sri-harmandir-sahib-3d-view/>

N

Name the six world religions? Do you know any others?



Science Summer Challenges

Things to do

1) Disappearing water

- Collect a saucer or small bowl and add a small amount of water to it.
- Leave in the bathroom overnight on the window sill (leave the window closed).
- What happens?
- Repeat the next night but leave the window open (on vent - or narrowly open).
- What has happened now?

2) Melting ice

- You will need two ice cubes and two different surfaces. One metal (perhaps the draining board) or one not, perhaps the kitchen work top.
- Feel both surfaces. Which feels hotter?
- You are going to place the ice cubes on the surfaces and see which one melts first. Make a prediction. Which one will melt first and why?
- Place the ice cubes on the metal and non-metal.
- Leave for a while but keep checking on these.
- Which one melts first? Why?
- Remember to wipe up any water (especially on the floor)!

3) Bending straws

- Place a straw or fork into a glass of water.
- Look at the straw. What seems to happen to the straw?
- Why?

4) Impossible water balloon

- You will need a water balloon and (preferably) a glass milk bottle (although plastic should also work).
- Fill the balloon with water so it is a little bigger than the end of the bottle. Tie the balloon.
- Boil the kettle and (carefully) add the water to the milk bottle so that it is a 1/3 full.
- Put the balloon on top of the milk bottle. Leave for the water to cool. What happens?

Things to read

- [Women in Science: 50 Fearless Pioneers Who Changed the World \(10+\)](#)

This illustrated encyclopedia of women who've made important discoveries and contributions in a wide variety of STEM fields emphasizes their achievements and obstacles they overcame.

- [Bomb: the Race to Build, and Steal, the World's Most Dangerous Weapon \(12+\)](#)

This suspenseful, detailed account of the development of the first atom bombs includes chemistry and physics. It also shows how the bomb effectively ended World War II and led to the Cold War arms race between the United States and Russia.



Year 6 Textiles Transition

Lesson Objectives:

- To be able to research and design for a major event.
- To be able to understand care labels and why they are used.

You are to design a football kit to promote the world cup in Qatar in 2022. Before you start you will need to research a few different topics in order to proceed.

Fairtrade is a system that ensures workers are paid equally for their time and effort spent in their job, it was put in place to protect workers in third world countries being taken advantage off. Fairtrade fabric is usually made from materials found on cotton farms, both the workers, traders and makers on the farms and fabric mills are all paid and treated equally.

A lot of buyers wish to use Fairtrade materials in their designs as they want to support deprived countries and the people at live there. Through choosing Fairtrade consumers can demand the highest standards from business and government, ensuring people and planet are not exploited to create the products we enjoy.

Q1: Your kit is to be made using fair trade materials. What is meant by fair trade?

Q2: Can you list 5 companies that use fair trade materials?

Q3: Why might some people want to buy things that are made from Fairtrade materials?

Q4: Look in your wardrobe at some of your clothes, find the labels in your clothing and using the drawings below tell me how to care for the materials.



Hand Wash
cold water



Do not
bleach



Do not
tumble dry



Light iron



Do not
dry clean

Q5: Can you think of any other 'worldwide' sporting events that had their own identity, logos etc.? Give a couple of examples below. Try drawing the logos.

Design your own football kit which promotes the world cup in Qatar in 2022. Consider the information on the tasks opposite, which need to be completed first. These designs will need to be annotated (with notes) to explain why you have used certain colours, or logos. They also need to be rendered!

Extension: On paper, design the shorts and socks to go with your kit. You may even design accessories such as a drawstring kit bag.

