

# Summer Learning Tasks

Name	
Personal Tutor	•
College	•••••

We hope that you are looking forward to joining St Bede's in September. This will be an exciting time for you and there is a great deal to look forward to. To prepare you for the start of Year 7, we would like you to complete the tasks inside this booklet. Some of these subjects will be completely new and others you will have lots of experience of. After each subject there is lined paper for you to use to complete your task.

It is important that you complete each task to the very best of your ability. You will be required to bring your booklet to each of your lessons during your first week at school, as this will be a crucial part of your learning.

At the start of your second week in school you will be asked to hand this booklet in to your personal tutor. There will be special recognition for those pupils who complete these tasks particularly well, so please take pride in your work.

We look forward to seeing you in September.



# S. S. S.

# Drama

Drama is an exciting and creative subject that enables you to use your imagination to gain an insight into real life situations, stories and plays. You will also have to empathise with a range of different characters. In addition to this, you will be introduced to specific key terms that you have not used before.

Below you will find a list of key terms that we would like you to research. You need to write down the <u>definition for each in your own words and be prepared to discuss them in your first Drama lesson</u>.

Improvise:	_
Characterisation:	
Characterisation.	
Plot:	
Devise:	
Stimulus:	
Dialogue:	
Blocking:	
blocking.	
Style:	
Genre:	
Farmel Walls	
Fourth Wall:	



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# **Design and Technology**

Research and answer the following questions about the materials that we use in Design and Technology.

Birch Plywood

Acrylic

Pine

Cardboard









Which of the above would we use to make:

- A bench for use in a park and why?
- A **storage box** for a hose pipe and why?
- A Christmas card and why?

What is **sustainability** and why is it important when designing a product?

What is **aesthetics** and why is it important when designing a product

What is **ergonomics** and why is it important when designing a product?

#### Read the text below:

"James Dyson breaks down the creative process that went into making the bag-free, "cyclone technology" design, including the 15 years and **5,127 prototypes** it took before the first model, DC01, would ultimately prove successful in 1993. Fifteen years! For a vacuum! "

What is a prototype and why are they important when making a product?

Why did James Dyson make so many prototypes?

What makes a good design?



Brief

Safety

Design

**Testing** 

**Process** 

**Analysis** 

**Planning** 

Research

**Annotaate** 

**Materials** 

**Prototype** 

**Evaluation** 

Equipment

Technology

Specification

Manufacture

Development

**Modifications** 

# **Equipment**

Pens Pencil Rubber Ruler Sharpener Coloured Pencils



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### **ENGLISH**

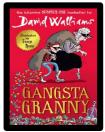
Complete <u>one or both</u> of the following tasks and bring this with you to your first English lesson at St. Bede's:

# TASK 1

Research your favourite author and prepare a short speech to interest your new English class

You could include:

- Reasons why you like your favourite author
- Interesting information about your favourite books by them







# TASK 2

Write a <u>poem</u> about moving to High School

Try to include:

- At least 2 verses
- Impressive Vocabulary
- Simile, Metaphor and Alliteration

**PRIMARY** 



**SECONDARY** 






# **Geography**

# NORTH AMPRICA SOUTH AMERICA ANIARCTICA ANIARCTICA

Can you name the 7 continents?

Can you locate the 7 continents on a map?

Can you name and locate 2 countries in each continent? (Except Antarctica)

#### Compass



Can you name the 4 main points? (N,E,S,W)
Can you name 8 compass points? (NE,SE,SW,NW)
Can you use a compass to give directions?

# **UK Geography**



Can you name the 4 countries of the UK?
Can you locate the 4 countries on a map?

Can you name and locate the capitals and major cities in each country?

# Types of Geography

#### <u>HUMAN</u>



Study of people and places (e.g. cities)

#### **PHYSICAL**



Study of earths natural features (e.g. rivers)

# **Local Geography**

Can you name the County for Blackburn?

Can you name towns and cities around Blackburn?

Can you name human and physical features of Blackburn?



## **Key Words**

Continent - A large mass of land.

Country – A bordered area of land owning a territory.

Capital – The city with the main government headquarters for a country.

Environment - The surroundings in which people, plants and animals live.

Urban - built up area e.g. a city/town.

Rural - an unbuilt area e.g. countryside.

Social - This is factors about people.

Economic – This is factors about money.

Environmental – This is factors about <u>nature</u>.

Population – The amount of people living in an area.

Weather – The current weather (rain, temperature etc) conditions at a given time.

Climate – The <u>average weather</u> conditions over a long period.

# **KEYWORDS**

# What will I cover in year 7?

- The world and me (map skills, places of the world).
- Waste/Recycle.
- Brazil.
- Ecosystems (Rainforests).
- The UK.
- Fieldwork study

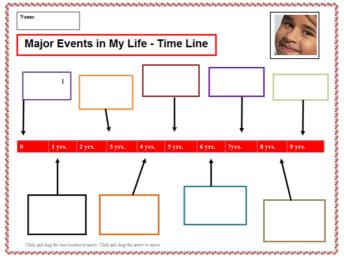


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# History

One of the most important skills in History is to be able to put events into chronological order. This means the time order in which they took place. Part of this means that it is important to know approximate time periods and what things happened at that time. An example might be the Roman period; when was it and what happened then?



Your task is to make a timeline about your family and important events that have happened to them. The recent events will be about your own life e.g. when you were born, when you started primary school, when you start secondary school. You might include when you had younger siblings, pets, went on a good holiday or learned a new skill. Ask older people in your family about similar things too. What did they do in their lives? How far back can you go?

#### How to set it out?

A timeline is a long line with dates on it and the dates matched up to events. You can do this on paper by hand (you might need to stick a few pages together to make it long enough) or you can do it on the computers, or even perhaps a tool online that helps you, such as Prezi. There is a brief example below made by a teacher. You can include pictures as well as your information.

**Super Star Task:** Can you add on important national and international events onto your timeline with a brief description? E.g. the ones in italics below.

My gran was born in Blackburn.	The Second World War was fought.	My grandparents got married.	My mum was born.	My parents got married	l was born.	My football team won a tournament.	The World Trade Centre was attacked (9/11).	<b>→</b>
1916	1939-1945	1946	1950	1982	1988	1995	2001	



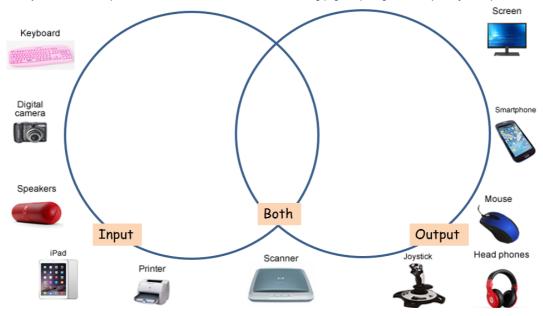



# ICT/Computing

#### **Input and Output Devices**

Sort the devices below into Input and Output Devices. You might have some that fit into both categories.

**Input Device:** An input device is a tool that we use to put input (e.g. text, image or sound) into a computer. **Output Device:** An output device is a tool that we use to take something (e.g. text, image or sound) out of a computer.



# **Computer Viruses and Malware**

Viruses and malware are programs that can attack computers, tablets, phones and other digital devices. Research the following three threats and write down any information that you find.

#### Trojan horse



#### Worms










# A little bit of Maths EVERY DAY....

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday Sunday
	JUL	Y 201	8		Max has 128 sweets. He easts half of them, gives his mum 12 and 14. How many does he have left?
Work out 34 x 62	3 What is 50% of 340?	Round 3618 to the nearest 10.	Round 3618 to the nearest 100.	The news starts at 6.188am and finishes at 7.05am. How long is it on for?	7 8 Pencils cost 28p and pens cost 35p. Find the cost of 10 pencils and 10 pens.
9 2458 + 459	10 Write down the first 5 <u>prime</u> numbers	11 Work out 142 x 56	12 65098 - 524	Round 3618 to the nearest 1000	A cup of tea costs 70p and coffee costs 35p. Beth buys 4 coffees and some tea and spends £3.50. How many cups of tea did she get?
A shape with 4 sides that are equal in length and 4 right angles	17 What is 25% of 84?	Round to the nearest whole	A triangle where all sides are equal in length	20 Work out 6.9 x 100	Adam thinks of a number. He divides his number by 4. He then adds 9. His answer is 16.  What number did Adam first think of?
An angle of 128° is called anangle	24 Write in order  0.11, 0.011,0.101, 0.01	The school yard is,  12m by 10m  Find the perimeter	Find the next 3 terms in the sequence 3,5,7,9	Ben has 140 sweets. He eats 10% of them. How many does he have left?	28 29 For a school trip ¼ of year 6 picked Alton Towers. If there are 220 pupils how many pupils picked Alton Towers?
30 86.4 x 100	REMEMBER	: The best w	ay to revis	se maths i	s to "do Maths"!








# **Music - Listening Skills**



Cheerleader by OMI (Felix Jaehn remix) official video.

Your task is to watch the official video for 'Cheerleader' by OMI (Felix Jaehn remix) and see if you can answer the following questions

1.	. Which two of the following instruments do you hear at the very start of the song? (in the <u>INTRO</u> )							
	Piano	Violin	Guitar					
	Flute	Cello	Trumpet					
2.	2. Which of the following best describes the percussion?							
	Rock drum kit							
	OR							
	Computer generated dance beat plus Bongos and Congas							
3.	3. Can you spot the difference between the 1 <sup>st</sup> and 2 <sup>nd</sup> choruses?							
				_				
				_				

4. Please list these elements of the song in the order that you hear them; The first two have been done for you!







# Hints and tips

<u>Intro</u> – The very start of the song, before the singing starts.

*Verse – Normally the lyrics at the start of the song, tells the story.* 

Bridge – The short section that links the verse and the chorus.

<u>Chorus</u> – The most catchy, memorable part of the song, repeated a few times!

<u>Instrumental</u> – Just instruments, no singing.

Middle 8 – Something totally new, not the verse or the chorus!

Outro – often the final chorus with a 'difference', the end of the song.

Chorus	Bridge	Middle 8	Intro
Instrumental	Verse	Outro	
1. Intro		7	
2. Verse		8	
3		9	
4		10	
5		11	
6			







# **Religious Education**

Complete the following task and bring it to your R.E lesson:

Write **interview questions** about **religious beliefs** and ask **at least 2 people** your questions. **Write up** your interviews to bring in – you don't need to include names!



You could include questions about:

- Whether they believe in **God**, or not.
- Why they have the beliefs they have.
- How beliefs affect their actions.
- Whether they worship and if so, how and where.

Now answer the questions yourself and compare your responses.






# Science Skills Summer Activity

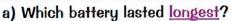
The following questions are all about science skills. These activities are designed to provide you with the skills needed to have a smooth transition into year 7 science!

- 1) What is the "aim" of an experiment?
- 2) If you wanted to find out how long it took salt to dissolve in water at <u>different</u> temperatures, what would you do to make this a <u>fair test</u>?
- 3) What <u>equipment</u> could you use to find out how hot a beaker of water is?

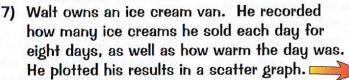
  What <u>units</u> would you use for the answer?
- 4) What could you use to measure mass?
- 5) Some children did an experiment to find out how quickly an ice cube melts. At first it weighed 50 g. After 5 minutes it weighed 30 g, after 10 minutes 20 g, after 15 minutes 10 g and after 20 minutes it had completely gone.

a) Put these results into the <u>table</u> on the right. Some of the results have been done for you.

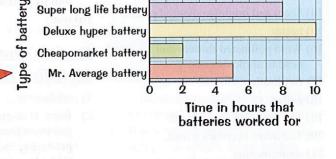
- b) Suggest how the children could make sure that their results are reliable.
- 6) Class B did an experiment to find which type of battery worked best. They tested four different batteries in the same torch to see which lasted longest. Then they plotted the results on this bar chart.

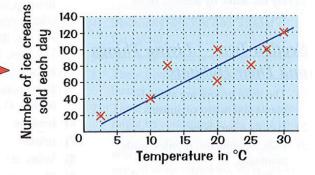


- b) Which battery worked least well?
- c) How long did the "Mr. Average" battery last?



- a) What is link between temperature and ice cream sales?
- b) Use the graph to predict how many ice creams Walt would sell on a day when the temperature was 15 °C.





8) Some children did a <u>fair experiment</u> to find out <u>how long</u> it took for an ice lolly to <u>melt</u> at different temperatures. They found that at <u>5 °C</u> it took the ice lolly <u>20 minutes</u> to melt, at <u>10 °C</u> it took <u>10 minutes</u> to melt, and at <u>15 °C</u> it took <u>7 minutes</u> to melt.

Write a simple <u>conclusion</u> for their experiment.








# PHYSICAL EDUCATION



In PE we have different components of fitness that we use to help us to perform well in different sports.

Look at the table below and complete as much as possible.

Component of Fitness	Definition	How can we test this component?	When might you use it in a game?
Cardiovascular Fitness			
Muscular Endurance			
Speed			
Strength			
Power			
Flexibility			
Agility			
Balance			
Co-ordination			
Reaction Time			



