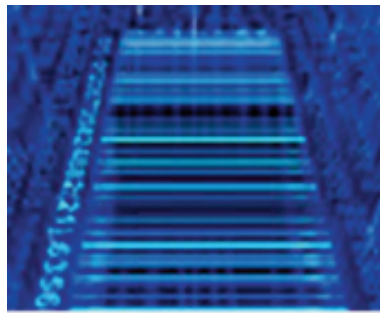




# IMYC Communication



## Year 8

### Parent Engagement

Inside this booklet you will find:

- Information about ways that you can track your son/daughter's progress.
- Overviews, from subject areas, of topics that will be completed by Y8 students.
- Tips for you to enable you to support your son/daughter in their learning.
- Extended Learning (Homeworks) that all Y8 students will be expected to produce.

**We hope that you will find this useful**

## Year 8 2019/2020 Key Dates

### School Dates 2019

Monday, 2nd September	SCHOOL CLOSED - to STUDENTS - INSET DAY
Tuesday, 3rd September	School re-opens to STAFF and STUDENTS
Friday, 13th September	School will CLOSE at 1.15pm to STUDENTS
Saturday, 14th September	Open morning - 10.00am - 12.30pm
Thursday, 10th October	Y8 Rivers trip
Friday, 25th October	School will close at 2.50pm for <b>half term</b>
Monday, 4th November	SCHOOL CLOSED - to STUDENTS - INSET DAY
Tuesday, 5th November	School re-opens to STAFF and STUDENTS
Tuesday, 10th December -	'A Christmas Carol' - School Panto
Thursday, 12th December	
Friday, 20th December	School will be closed at 1.15pm to STUDENTS for <b>XMAS break</b>

### School Dates 2020

Monday, 6th January	SCHOOL re-opens to Staff and Students
Wednesday, 22nd January	School will CLOSE at 1.15pm to STUDENTS
Thursday, 30th January	Y8 Parents evening
Friday, 14th February	School will close at 2.50pm for <b>half term</b>
Monday, 24th February	SCHOOL CLOSED - to STUDENTS - INSET DAY
Tuesday, 25th February	School re-opens to STAFF and STUDENTS
Tuesday, 3rd March	Y8 Options evening
Tuesday, 20th March	School will CLOSE at 1.15pm to STUDENT
Friday, 3rd April	School will CLOSE at 1.15pm to STUDENTS for <b>EASTER break</b>
Monday, 20th April	School re-opens to STUDENTS and STAFF
Thursday, 7th May	School will close at 2.50pm for May/VE Day <b>bank holiday</b>
Monday, 11th May	School re-opens to STUDENTS and STAFF
Friday, 22nd May	School will close at 2.50pm for <b>half term</b>
Monday, 1st June	SCHOOL re-opens to STUDENTS and STAFF
Wednesday, 10th June	School will CLOSE at 1.15pm to STUDENTS
Friday, 3rd July	School will CLOSE at 1.15pm to STUDENTS
Friday, 19th July	School will CLOSE at 1.15pm to STUDENTS for <b>SUMMER break</b>

# Winterhill School Student and Parental Resources

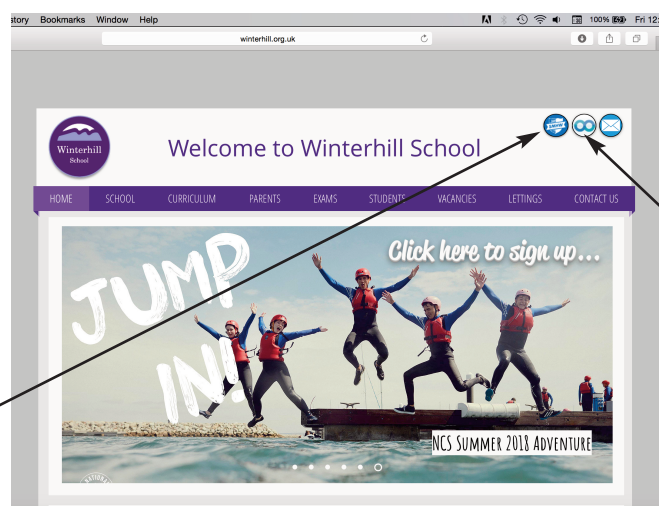
## 1 Show My Homework

Students can access homework for all subjects in one place. For parents who wish to take a more active role in their children's home learning, they can by having their own Show My Homework account.

## 2 Learning Gateway (SLG)

Gives parents and students instant access to achievement, progress and attendance information held by the school on each student.

All these resources can be accessed from the school website at **[www.winterhill.org.uk](http://www.winterhill.org.uk)**



1. Show my Homework

2. Learning Gateway (SLG)



## Show My Homework

Students have been given a username and password to access their homework via this website, also Parents can be given a log on so they can monitor their child's homework. The ease-of-use and accessibility gives students a clear picture, allowing them to prioritise their workload and stay organised using their personalised calendar, to-do list and email reminders.

Students set up their account using their school email so if they forget or need to reset their password it will be emailed to their school address which is accessible from school as well as from home.

There is 24/7 access to their homework so there is no forgetting papers or what they have to do, neither can they forget to bring it to school as homework is submitted via the web site.

## Learning Gateway (SLG)

If you want to apply for access to Winterhill's SLG you need to go to the school website, click on the infinity sign at the top of the website page (as seen in the screen shot above). This will take you to the Learning Gateway where you can log in.

If you are a new user you need to click the tab 'New User' above the sign in area, and this will take you to a new page which allows you to set up an account. It asks you to enter your e mail address and mobile number, which needs to be the mobile number, and e mail address you provided to school as your son/daughter's contact details. This will then allow you to view their account information only. If you have sons/daughters in a number of year groups, as long as the mobile number and e mail address matches their account you will be able to see their Learning Gateway pages too.

As parents, you can monitor the attendance, behaviour and achievements of your son/daughter through the Learning Gateway, in addition to being able to view their timetable.

# Y8 Art & Design

**You will have a block of Art, a block of Drama and a block of Music in Y8. During that block you will have 4 lessons per week!**

## **In Art you will study:**

- Research - Learn and understand about different Artist styles.
- Record - Taking quality photographs and learning how to draw from observation.
- Develop - You will use different art materials and learn effective techniques.
- Present - You will learn best way to present your artwork and produce a final piece.

**Afterschool (Thursday - 2.50-3.50)**

**P7 Art Club**

**Time to be creative exploring and experimenting with different art materials.**



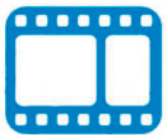




# Communication through Computer Science



Create a poster that shows how a computer counts in binary and hexadecimal.



Create a poster that demonstrates how a computer uses logic gates to make decisions.



Create a poster that demonstrates how a computer uses logic gates to make decisions.



# Y8 Drama



**You will have a block of Art, a block of Drama and a block of Music in Y8. During that block you will have 4 lessons per week!**

**In Drama you will study:**

- Acting skills - by watching people like Johnny Depp you will learn how to be better actors.
- Blood Brothers - this great musical is the focus of a few weeks work. It's funny as well as very sad.
- Genre - You will learn about five different styles of theatre including Horror and Science Fiction.
- Genesis 2 - this is a Sci Fi play that you will be exploring and acting.
- Aint life a Beach - this is where you get down to some serious acting and exploring text.

# Y8 Communication Design Technology

Winterhill  
School



When information is shared accurately and clearly the end result is more effective.

## Homework

- You are required to complete 2 homework's from the choice of the homework menu. Your teacher will give you a copy of the homework menu in your lesson or you will be able to access it on 'Show My Homework'.
  - Your teacher will inform you when the pieces of homework are due in.
- The more light bulbs that are light up on the tasks , the more challenging it is and the more credit you will get for completing it. Try to push yourself!
- If you need extra help with your homework see your Technology teacher.

## Examples of homework tasks:



You are to produce an information sheet describing 3 types of production methods **Mass**, **Batch** and **One off**. For each method of production write a description explaining what they are. Give some examples of products that are manufactured using each method.

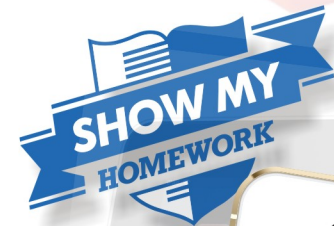


Without communicating with one another, we would be unable to see problems with designs and products and therefore would be unable to make alterations and improvements. Your task is to search for a product around the home environment. This could be any type of product such as an edible food product or a functioning product (e.g. game controller.) You should sketch the product out and start listing all of the components/ingredients used. Once you have done this suggest some alterations that you could make to improve the product. Be imaginative and creative!



In design technology there are many types of manufacturing methods that are used to create products. The range of manufacturing methods listed below may only be suitable for certain materials.

You are to create an information sheet explaining what happens during; Injection moulding, **Die casting**, **Blow moulding**, and **laser cutting**. List the materials that are suitable to be used for each type of manufacturing method.



Remember you  
can access your  
homework on  
'Show My  
Homework'





# Year 8 Communication Homework Takeaway Menu



Choose your homework for each week from the menu below!

The peri-ometer suggests the degree of difficulty or challenge the homework will offer you.

You must attempt three of the activities below before half term.

1. Find an up to date news report about a recent war. Fully explain what you have learnt from the report and how it has made you feel.

2. Write a story with the title 'Communication.'

3. Create and film a news report about help needed for the Syrian crisis.

4. Find an example of a **war poem** and annotate all the techniques you find.

6. Write a feature article with the title with the title 'Our soldiers deserve a better wage.'

6. Create a series of illustrations for the poem Out of the Blue.

7. Find an image that shows communication in war and label how it shows communication.

8. Write a selection of questions you would like to ask Andy McNab.

9. Create a fact file on Andy McNab.

10. Find a collection of headlines for news reports from 9/11.

11. Write definitions for the following:  
Communication  
Destruction  
Adversity  
Determination

12. Create a revision card with rules for how to use semi colons.

## KS3 Recommended Reads

You should ensure that you always have a reading book with you in school. In English you will have time dedicated to reading once a week. Your teacher will advise you on whether you should be reading gold, silver or bronze books. The list below is to give you an idea of what kind of books you should be reading and all are available from the school library.

<h1>Gold</h1> <p>(Reading age 14 years +)</p>	<p>Emily Bronte – <i>Wuthering Heights</i>  Philip Pullman – <i>His Dark Materials</i>  Markus Zusak – <i>The Book Thief</i>  Tim Lott – <i>How to be invisible</i>  Philip Pullman – <i>The Tiger in the Well</i>  Michelle Paver – <i>Chronicles of Ancient Darkness</i>  Terry Pratchett – <i>Nation</i>  Kathryn Lasky – <i>My Royal Story series</i>  Chris Ryan – <i>Alpha Force series</i>  Joseph Heller – <i>Catch 22</i>  David Belbin – <i>Shouting at the Stars</i>  J. R. R. Tolkien – <i>The Silmarillion</i>  John Green – <i>The Fault in Our Stars</i>  John Green – <i>Paper Towns</i>  Patrick Ness – <i>More Than This</i></p>
<h1>Silver</h1> <p>(Reading age 10-13)</p>	<p>Terry Deary – <i>Horrible Histories series</i>  Anne Frank – <i>The Diary of a Young Girl</i>  Suzanne Collins – <i>The Hunger Games trilogy</i>  Ian Livingstone – <i>Legend of Zaggar</i>  Darren Shan – <i>Slawter</i>  Charlie Fletcher – <i>The Obsidian Mirror</i>  Michael Morpurgo – <i>Mr Nobody's Eyes</i>  Karen McCombie – <i>Ally's World series</i>  Ifraan Master – <i>A Beautiful Lie</i>  Derek Landy – <i>Skulduggery Pleasant series</i>  Lemony Snickett – <i>A series of unfortunate events</i>  Hilary McKay – <i>The Amber Cat</i>  Alison Prince – <i>Anne Boylen and me</i>  Polly Ho-Yen – <i>Boy in the Tower</i>  Helen Orme – <i>Stalker</i>  David Walliams – <i>Billionaire Boy</i></p>
<h1>Bronze</h1> <p>(Reading age 9-)</p>	<p>Joanna Kendrick – <i>Tears of a friend</i>  Francesca Simon – <i>Horrid Henry series</i>  Anthony Masters – <i>Tremors</i>  Michael Morpurgo – <i>Toro Toro</i>  Jeff Kinney – <i>Diary of a wimpy Kid series</i>  Frank Cottrell Boyce – <i>Millions</i>  Tim Collins – <i>Diary of Dorkius Maximus</i>  Liz Pichon – <i>The Brilliant world OF Tom Gates</i>  Dav Pilkey – <i>Captain Underpants series</i>  Jeff Norton – <i>Metawars series</i>  Eoin Colfer – <i>Artemis Fowl</i>  Gez Walsh – <i>The Spot on my Bum</i>  Kevin Crossley-Holland – <i>Short! A Book of Very Short Stories</i>  Joan Aiken – <i>Silent Night</i>  Bali Rai – <i>The Soccer Squad series</i></p>



# Y8 Communication Food Technology

Winterhill  
School



When information is shared accurately and clearly the end result is more effective.

## Homework

- You are required to complete 2 homework's from the choice of the homework menu. Your teacher will give you a copy of the homework menu in your lesson or you will be able to access it on 'Show My Homework'.
  - Your teacher will inform you when the pieces of homework are due in.
- The more light bulbs that are light up on the tasks , the more challenging it is and the more credit you will get for completing it. Try to push yourself!
- If you need extra help with your homework see your Technology teacher.

## Examples of homework tasks:



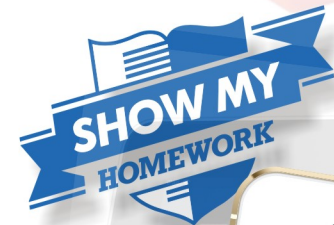
You are to produce an information sheet describing 3 types of production methods **Mass**, **Batch** and **One off**. For each method of production write a description explaining what they are. Give some examples of products that are manufactured using each method.



Without communicating with one another, we would be unable to see problems with designs and products and therefore would be unable to make alterations and improvements. Your task is to search for a product around the home environment. This could be any type of product such as an edible food product or a functioning product (e.g. game controller.) You should sketch the product out and start listing all of the components/ingredients used. Once you have done this suggest some alterations that you could make to improve the product. Be imaginative and creative!



Sensory testing is used in food industry to evaluate food products. This is a great opportunity for professionals working in the food sector to get feedback about their food products. Different sensory testing methods are used depending on the type of feedback they wish to collect. Research and explain what each of the following sensory testing methods involve; **Triangle test**, **Paired preference test** and **Hedonic rating test**.



Remember you  
can access your  
homework on  
'Show My  
Homework'



# Communication through Geography

**Theme:** When information is shared accurately and clearly the end result is more effective.

## Overview:

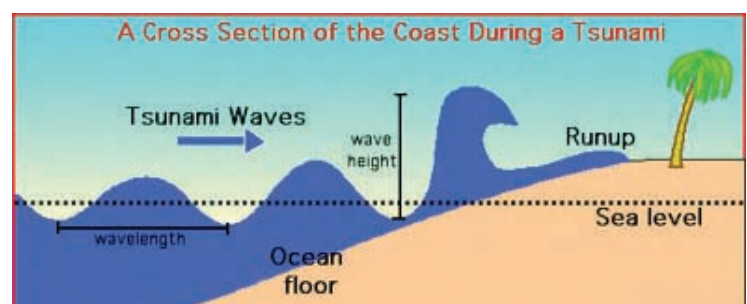
Students will start this topic by looking at what Tsunami's are and how they are caused. They will gain knowledge of a tsunami event that happened in 2004 and explain how a tsunami affects people's lives in the short and long term. Finally students will present the findings of their investigation in a written report.

## Parents can help by:

- Talking about and summarising what your child has learnt about in Geography lessons.
- Discussing the causes of a Tsunami.
- Look at the impacts/affects on this event on people lives.
- Researching ways in which this type of event could be prevented or how they would go out the recovery.

## Homework options:

You are required to complete a homework when your class teacher sets this for you during lessons.







# Communication in History

## Learning Objectives:

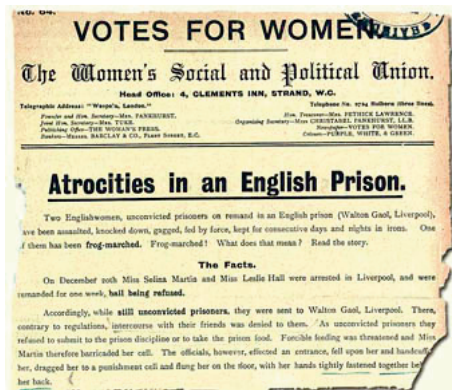
- To be able to examine the methods used by the Suffragettes to **communicate** their message of change.

## You can help your child by:

- Talking about what your child has learnt in lessons about the Suffrage Movement.
- Encouraging your child to research the Suffrage Movement on the internet and in the library. BBC Bitesize provides information about the Suffrage Movement.
- Encourage your child to plan their homework work out.

## Deadlines:

- You are required to complete **one** homework from the choice below by the **25th October 2019**.
- The 'more stars' for the task, the more challenging it is and the more credit you will get for completing it.
- If you need further assistance, please see your History Teacher.



Design a 'Votes for women' campaign poster. Say why you think women should get the vote.

Present a Tweet informing people about the Suffrage Movement and what it stands for. Remember it can only be 140 characters long and use #'s for key words.



Write a diary entry of a Suffragette who is campaigning e.g. who are you and what are you campaigning for and why?

Research project on the life of either Millicent Fawcett or Emmeline Pankhurst eg. who were they?

What did they do and why? Where they successful in their actions?

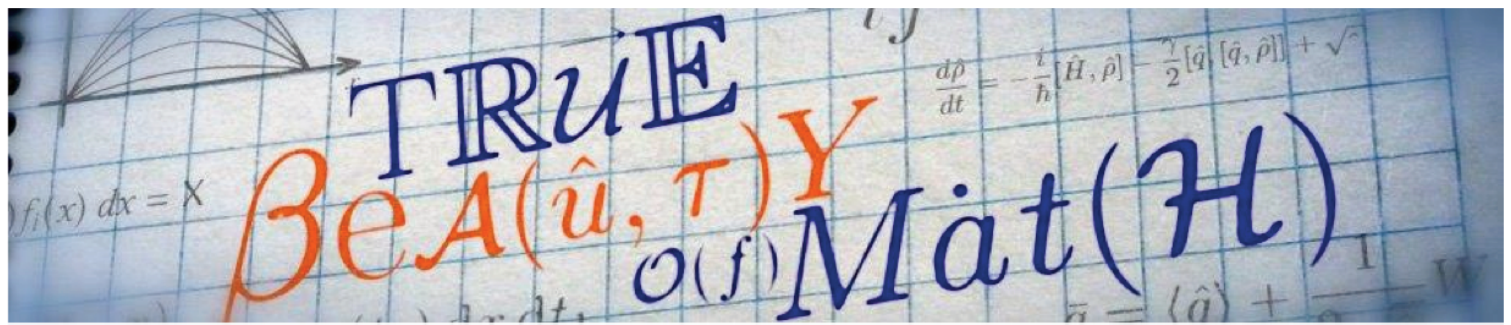


Make a simple game about the Suffrage Movement eg. Snap, Uno, snakes and ladders etc. Remember to include some instructions on how to play the game.

Using the words -Suffrage Movement, create an acrostic poem with researched examples. You could always include some pictures.

The suffragettes were the main reason for women getting the vote in 1918". How far do you agree with this point of view? Explain your answer supporting it with relevant examples.





## Communication in Mathematics

Very often communications need to be kept secret, such as when you type a password online, or when the army shared details of troop movements during World War 2. Spies might use a “secret code” to make sure the enemy doesn’t read a message. When you think of spies and secret agents, you might think of lots of things; nifty gadgets, foreign travel, dangerous missiles, fast cars and being shaken but not stirred. You probably wouldn't think of mathematics. But you should.

Cracking codes and unravelling the true meaning of secret messages involves loads of maths, from simple addition and subtraction, to data handling and logical thinking. In fact, some of the most famous code breakers in history have been mathematicians who have been able to use quite simple maths to uncover plots, identify traitors and influence battles.

### The Roman Geezer

Let me give you an example. Nearly 2000 years ago, Julius Caesar was busy taking over the world, invading countries to increase the size of the Roman Empire. He needed a way of communicating his battle plans and tactics to everyone on his side without the enemy finding out. So Caesar would write messages to his generals in code. Instead of writing the letter 'A', he would write the letter that comes three places further on in the alphabet, the letter 'D'. Instead of a 'B', he would write an 'E', instead of a 'C', he would write an 'F' and so on. When he got to the end of the alphabet, however, he would have to go right back to the beginning, so instead of an 'X', he would write an 'A', instead of a 'Y', he'd write a 'B' and instead of 'Z', he'd write a 'C'.

Complete the table to find out how Caesar would encode the following message:

Caesar's message	A	T	T	A	C	K		A	T		D	A	W	N
	B	U												
	C	V												
Coded message	D													

When Caesar's generals came to decipher the messages, they knew that all they had to do was go back three places in the alphabet. Have a go at trying to work out these messages which could have been sent by Caesar or his generals:

hqhpb dssurdfklqj

wkluwb ghgdg

uhwuhdw wr iruhvw



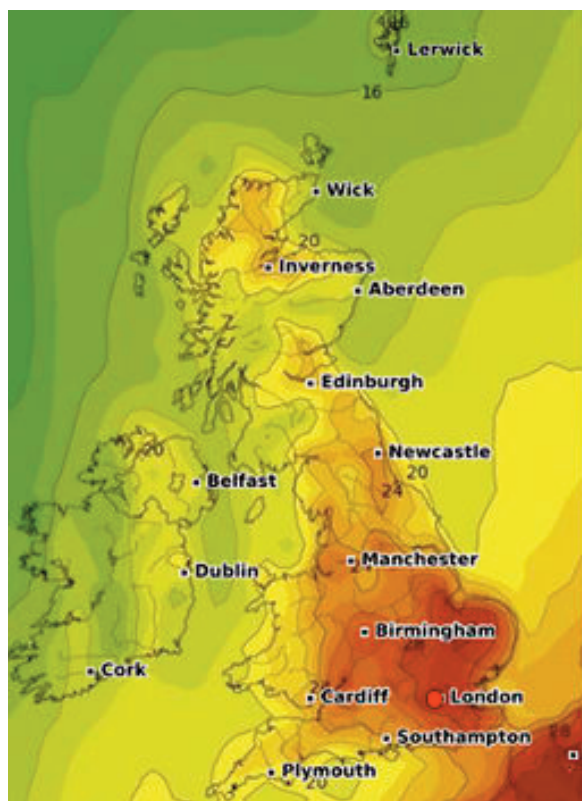
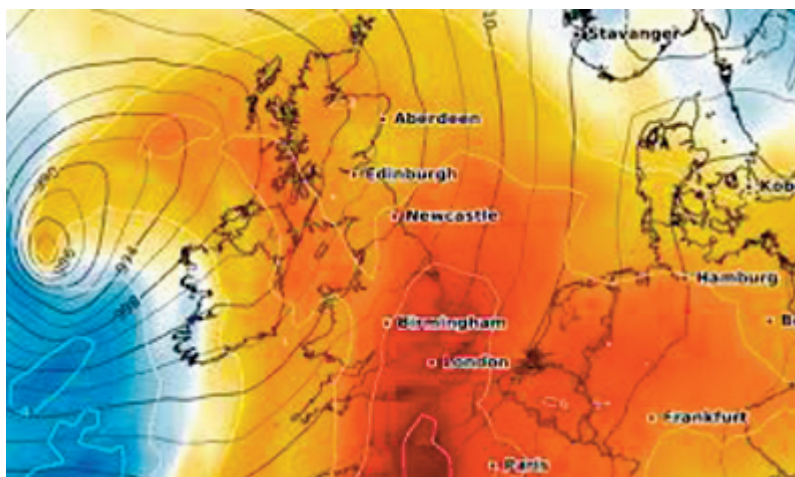
# Communication through MFL

## Learning Objectives:

- To be able to speak about holidays abroad.
- To comment on the weather.
- To book a ticket online in France/Spain.

## You can help your child by:

- Talking about what your child has learnt in lessons.
- Encouraging your child to practise what they have learnt at home and do further research about languages on the internet and in the library.
- Encouraging your child to plan their homework out.



## Homework:

1. Your written homework will be set in class by your **MFL teacher**.
2. Every week learn **new vocabulary**.





# Y8 Music



**You can help your child by:**

- Talking about what your child has learnt in lessons about rhythms and notation.
- Allow students to plan their homework out.

**All students will be looking at performing, composing and sequencing.**

## **Learning Objectives:**

- Understand the elements of music.
- Learn to perform in different styles.
- Study the history of music.
- Perform in groups.

## **Music Terminology**

**Please learn the definition of the following words throughout the year:**

Syncopation

Modulation

Interpretation

Intonation

Monophonic

Call & Response

Unison

Cannon

Expression

Style & Musicality

Rhythm

# Communication in PE



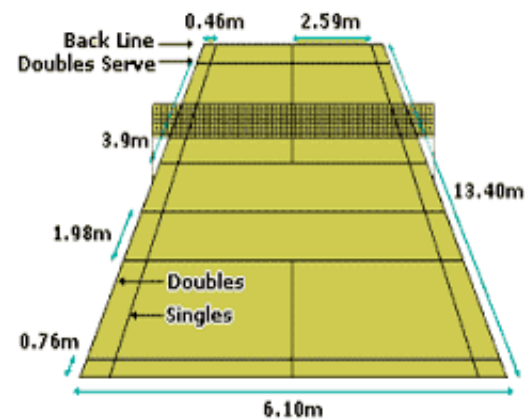
**By the end of the communication unit, students will be able to:**

- Demonstrate that they are able to give feedback to another student to help them to improve.
- Work as a team to reach a goal.
- Communicate effectively with other students.
- Discuss answers with other students, to improve understanding.



**You can help your child by:**

- Always ensuring that they have their full PE kit, so they can fully participate in their PE lesson.
- Talking to them about the sports that they are taking part in during PE lessons, helping them to identify their strengths and areas for improvement.
- Talking to them about the rules of sports and why they are important.
- Encouraging them to think of a sport/activity that they enjoy, which they might want to participate in as an enrichment activity at school or as part of a club outside of school.



**Don't forget:**

Even if you are excused from PE you should always still bring your PE kit as you might be able to participate in another role.



  
**KEEP  
CALM  
&  
FOLLOW  
THE RULES**



# y8 Communication in



## Theme: Communication

Create a PowerPoint all about UK government through time.

You can use the following website to help you:

[http://www.bbc.co.uk/bitesize/ks3/history/uk\\_through\\_time/government\\_through\\_time/revision/1/](http://www.bbc.co.uk/bitesize/ks3/history/uk_through_time/government_through_time/revision/1/)

Outline the different types of government this country has had right up to present day.

Deadline—Your PSHCE teacher will let you know when to hand this in.



You could include:

- Information on historic UK governments
- Famous UK governments and Prime Ministers such as Winston Churchill and Margaret Thatcher.... Who do you like best?

- Facts about DICTATORSHIPS - research Nazi Germany, Pol Pot and Josef Stalin. There are many more—see how many you can find out about!

### Extension ideas for your PowerPoint

You could compare this to other democracies around the world—for example the American or German system.



**You can help your child by:**

- Discussing what your child has learned this week in PSHCE and encouraging them to read newspaper articles on current political stories



# y8 – Communication in RS

Deadline—Your RS teacher will talk to you about this homework in more detail and give you a deadline.



How does the media communicate the appearance of good and evil?



Winterhill School



Create a profile of a current character from a film, television series or soap opera that you watch, which shows the characteristics that make them either good or evil.

Your profile should include an image of the character (either from the internet or one you have drawn.)

Annotated around the outside should be reference to how the character is good or evil in the film/drama/program.

For example, comment on their clothing, their physical appearance, their role in the story and what they have done that makes them good or evil.

## Level up task

Once you have created your first profile, try to create a second one to compare, if you have done a profile for an evil character, try to create one for a good character from the same film/drama or TV program.

Do they fight against each other?

Does good overcome evil in the story?

# Communication through Science

## Learning Objectives:

- Describe the features of a wave.
- Suggest uses of waves in communication.
- Compare the properties and functions of transverse and longitudinal waves.

## You can help your child by:

- Discussing what your child has learnt in lessons.
- Develop curiosity and encourage further research of lesson ideas.
- Help your child to plan and complete homework; taking pride in the presentation of work both inside and outside of school.

## Homework Ideas:

Your teacher will set one piece of homework each week and deadlines will be set in class; ensure dates are recorded in your planner.



### Week 1 Theme:

How does a wave transfer energy?  
Draw and label a wave.



### Week 2 Theme:

Features of a wave. How does amplitude and frequency effect wave energy transfer?



### Week 3 Theme:

Compare different waves. What are the similarities and differences between the following waves; ultrasound, sound, radio waves, visible light microwave



### Week 4 Theme:

MAP week: Mid unit assessment. Revision of previous content taught.



### Week 5 Theme:

Through practical and the use of diagrams, describe the difference between reflection, refraction and dispersion.



### Week 6 Theme:

Compare and contrast the properties of sound and light waves.

