



# IMYC Competition



## 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 2018 Key Dates

### School Dates 2018

Wednesday, 25th April	Options evening
Monday, 7th May	SCHOOL CLOSED to STUDENTS and STAFF for MAY DAY
Thursday, 17th May	Y8 Parents' evening - 4.30 - 7.30pm
Friday, 25th May	School will close at 2.50pm for half term
Monday, 25th June	Governors' Awards
Friday, 29th June	Sports Day
Friday, 6th July	School will CLOSE at 1.15pm to STUDENTS
Friday, 20th July	School will CLOSE at 1.15pm to STUDENTS for the SUMMER break
Tuesday, 4th September	School OPENS to STUDENTS

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# Winterhill School Student and Parental Resources

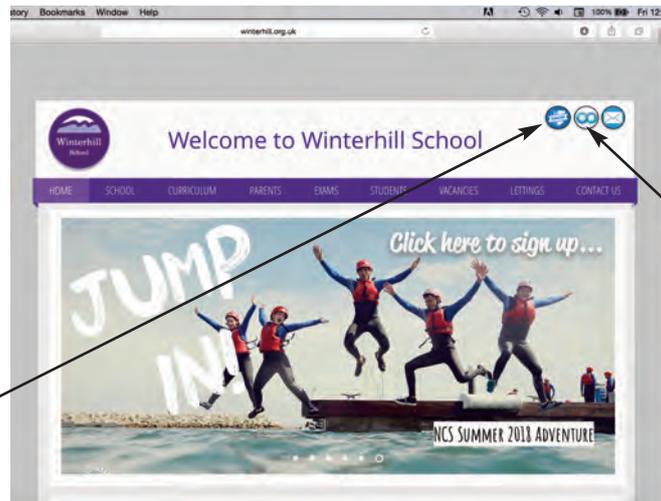
## 1 Show My Homework

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 (Tuesday & Thursday - 2.50-3.50) P7 Art Club  
Time to be creative exploring and experimenting with different art materials.



# Competition through Computer Science

## Learning Objectives:

- Look at how to communicate effectively through Information technology.
- Develop IT skills through making work suitable for audience and purpose.

## You can help your child by:

- Talking about what your child has learnt in lessons.
- Encouraging your child to research and complete homework at home and in the Library at school.

## Deadline:

- You are required to complete the **homework booklet** that can be found on **Showmyhomework** by **Monday, 14th May 2018**.

Choose **One** of the options (the more stars the harder the task)



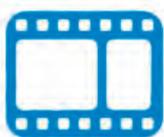
Write a newspaper article about what the BBC microbit is giving an example of programs you can write in it.



Draw a flowchart for the schools behaviour policy, showing where the decisions are made.



Using the BBC micro-bit website, design and create your own program. Printscreen and annotate it to explain what happens.



# 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 Competition

## Graphics + Resistant Materials

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Theme example: Smart Materials, Renewable Materials, Non Renewable Materials.

### 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:



Smart materials have properties that react to changes in their environment. This could be temperature, light, pressure or electricity. This process is reversible and can be repeated many times.

Research a minimum of 3 products that are made with smart materials and give an explanation about the smart material that has been used in the manufacture of the product.



A **renewable** material is a material that can be replaced. A **non-renewable** material is a material that can not be replaced.

Research 2-3 renewable and non-renewable materials to further understand the 2 different types of materials. Design a logo that could be printed onto **renewable** materials to inform consumers that it has come from a responsible renewable supplier.



You are to research and find out what the 3 different wood groups are and the 2 different plastic groups are. Using this research, you are to design a child's toy made with one (or more) of the materials and explain why it would be suitable to be used in the manufacture of a child's toy. Your design idea must include tonal shading, labels about features of the toy and some dimensions.



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



# Year 8

Choose your homework for every other week from the menu below!

## Homework

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.

## Takeaway Menu



Retell your favourite fairy tale for a modern audience.

Write a monologue about being hunted. You could be an animal or a person.

Find an image that shows fear. Use this image to write a full narrative with a range of writing techniques.

Use a thesaurus to develop a bank of war words. Use these to write a diary entry as a soldier in modern warfare.

Create a storyboard for a narrative with the title, 'Chaos at the school competition!'

Write a narrative with the title, 'The unlikely super hero.'

Develop a bank of interesting sentence starters to describe a storm.

Choose a character from your favourite book and write an information card about this person.

A super-hero comes to your door, and you greet them. Write a script of the conversation.

Fully explain why 'competition' helps us to achieve, include a clear example.

Create a full list of writing techniques, including examples.

Create a poster for a writing competition based on a theme of your choosing.

## 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> Ifran 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 Competition Food Technology

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Theme example: Food Packaging Materials, Food groups, Materials

## 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:



There are 4 main reasons why manufactures package food products. You are to create an information sheet with research of the main reasons why manufacturers package food products.



You are to create an information sheet explaining the different types of materials that are used for food packaging. Talk about the advantages and disadvantages of each material and give examples of food products that use each type of food packaging material.



The Eatwell plate is a government healthy eating guideline in the form of a pie chart. This shows how much or how little of each food group your diet should contain. Research the five different food groups that are found on the Eatwell plate and give an explanation as to why our bodies need each of the food groups to ensure we have a healthy diet.



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





# Competition through Geography

**Theme:**

Trying to beat others has good and bad consequences.



## Overview:

- Students will study the features of Globalisation looking at the way the fashion industry affects people in different ways.
- They will investigate the ethical arguments behind the competitive drive to keep clothing prices low, exploring the moral arguments for and against sweatshops.
- Finally, they will look at the impact of fair trade and the work of charities aimed at improving the lives of those in developing countries affected by globalisation.



## Parents can help by:

- Talking about and summarising what your child has learnt about in lessons.
- Encourage and help your child to plan their work out.
- Completing internet research to support work done in class.



## Homework options:

You will be set homework for this topic by your Geography teacher in lessons.

**LOVE  
FASHION  
HATE  
SWEATSHOPS**



# Competition in History



## Learning Objectives:

- To be able to examine the methods used by the government to recruit soldiers for the war in 1914.
- To be able to assess how the government used **competition** to enlist soldiers for the war.

## You can help your child by:

- Talking about what your child has learnt in lessons about the use of Propaganda in World War One.
- Encouraging your child to research the use of propaganda in World War One on the internet and in the library. BBC Bitesize provides information about the use of propaganda in World War One.
- Encourage your child to plan their homework work out.



## Deadlines:

- You are required to complete **one** homework from the choice below by the **25th May 2018**.
- 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 'recruitment poster persuading men to join up during World War One. Also include reasons why men should go to war.

Present a Tweet that encourages young people to fight for their country in 1914.

Remember it can only be 140 characters long and use #'s for key words.



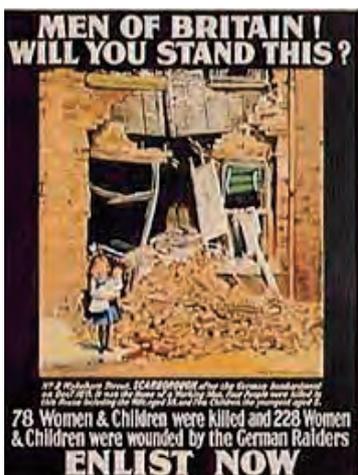
Write a script for a radio news broadcast about a key event during World War I. You could practise your best BBC newsreader's voice and record it to be heard by the class.

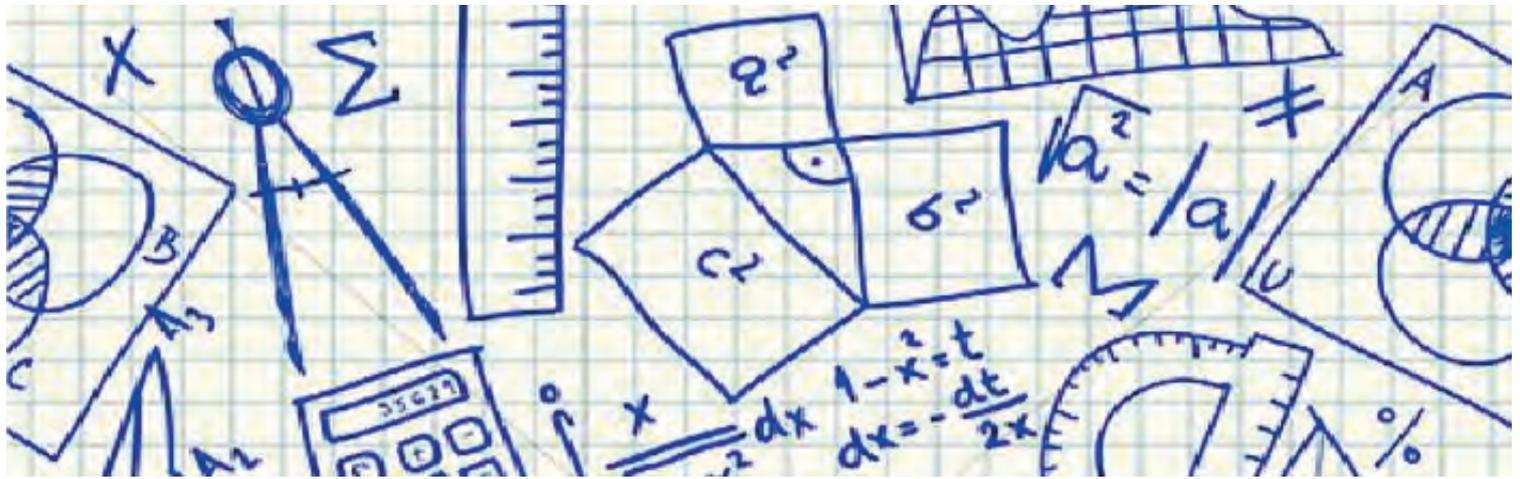
Research on propaganda posters produced by the British Government during World War One. Put together a presentation describe what the posters are trying to get people to believe.



Make a simple game about the Propaganda in World War One e.g. Snap, Uno, snakes and ladders etc. Remember to include some instructions on how to play the game.

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





## Competition in Mathematics

Competition is all around you in everyday life, just like maths is! Healthy competition engages the brain in a way that maths can be fun. Not only can competition be useful in mathematics, but mathematics can be particularly useful to understand competition, specifically looking at scores and analysing data.

Take the Rio Olympics 2016:

FINAL MEDAL TABLE					
Rank					Total
1	UNITED STATES	46	37	38	121
2	GREAT BRITAIN	27	23	17	67
3	CHINA	26	18	26	70
4	RUSSIA	19	18	19	56
5	GERMANY	17	10	15	42
6	JAPAN	12	8	21	41
7	FRANCE	10	18	14	42
8	SOUTH KOREA	9	3	9	21
9	ITALY	8	12	8	28
10	AUSTRALIA	8	11	10	29

*Without mathematics  
would we know:*

1. Who won the most medals?
2. Who ran the fastest in the 100m?
3. How to measure the shotput throws?
4. If someone achieved their PB in a sport.

### Using Averages in the Olympics

Jessica Ennis - Hill's average score at her last four Competitions is **6693.5** points. She scored 6469, **6731** and **6823** in first 3 championships. The Olympics was her fourth competition. Can you work out what she scored at the Olympics?

*Can you think of any other ways that mathematics helps us understand competitions similar to the Olympics?*



### Mathematics Competitions - They are more popular than you think!

You can win the Nobel Prize in mathematics - this could be you one day!

Countdown is famous for its maths competition appropriate for all ages and abilities, it is used in the TV programme but also schools all over the country.

*Closer to home:*

The Junior Maths Challenge is a competition that school children compete in annually.

Winterhill held the Pi Competition on National Pi day with the winner recalling 175 decimal places of Pi (impressive work).

# Competition through MFL

**Learning Objectives:** students will discuss and debate recent technologies through competitive activities.



Students will:

- Be able to give opinions with justification about technology.
- Be able to understand authentic resources.
- Be able to discuss advantages and disadvantages of new technology.
- Be able to speak about their use of new technology in Spanish.
- Be able to read an authentic Facebook/Twitter profile in Spanish.

**You can help your child by:**

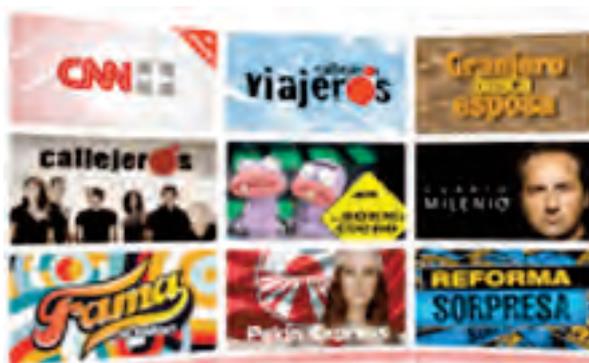
- Talking about what your child has learnt in lessons
- Encouraging your child to practise the vocabulary they have learnt in class and do further research about languages on the internet and in the library.
- Encouraging your child to plan their homework out.

**Deadlines:**

Your homework will be due on the week starting **Monday, 14th May 2018.**

**Choose one task** from this menu:

- **Very hot:** Research the topic of popular leisure activities in Spain and design a comic strip about it.
- Perform a puppet show and video it. The theme must be related to Internet dangers.
- **Hot:** Research a famous sport person and make a profile in English. Include minimum 10 facts and don't copy and paste anything.
- **Mild:** Create a mini book with type of TV program (in Spanish and English) per page.



# 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

# Competition in PE

**By the end of the Competition unit, students will:**

- Understand the basic rules of the activity that they are taking part in.
- Be able to take part in their activity in a competitive way.
- Be able to understand the importance of team work.
- Understand how to show good sportsmanship towards others.

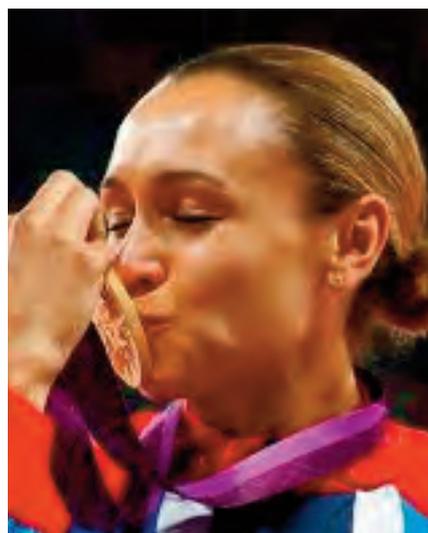
**You can help your child by:**

- 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 competing in sport, and why good sportsmanship is 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.



**Please 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.



# Competition in PSHCE



## Theme: Crime

In PSHCE we will be looking at the different types of crime that exist on both a local and national level. We will consider the reasons why someone may commit a crime and look at the potential impact crime can have on a victim. Students will investigate anti-social behaviour, knife crime, shop lifting and gang culture as part of the unit.

Students will look at scenarios and who they should contact and ask for support in different situations. This unit will allow students to familiarise themselves with the support available from different organisations.



### We will study:

- Different types of crime - local and national
- The impact of crime on victims and witnesses
- Who to report crimes to and where to get support
- Punishment and the justice system

### Homework

Create a newspaper report based on a local crime. Consider how a news reporter would write the story and how they would explain the situation. Think about the perspectives of different people involved in the crime, including the impact on victim and potential punishment of the offender.

OR

Create a storyboard of how a young person could become involved in crime. Consider: What factors may have lead to the young person getting involved in crime, how young people get involved in gangs and how your story ends.



### You can help your child by:

- Discussing what your child has learnt this week in PSHCE
- Discuss any questions or concerns your child may have in relation to crime in the local community
- Discuss ways to overcome peer pressure that could lead young people to make incorrect decisions and become involved with gangs/crime
- Look at news reports of local crimes, the impact of local crimes and punishment received

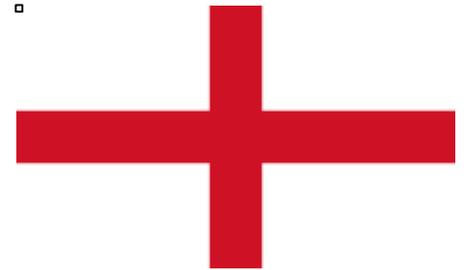


## Religious Conflicts

Why do some people think they are better than others?

- Trying to beat others has good and bad consequences
- Use your research skills to create a profile of St George.
  - Who was he?
  - What does he have to do with dragons?
  - When is St George's day celebrated
  - Where is St George's day celebrated?
  - Why is it celebrated?

Your research must be ready for the lesson you will have during week beginning 30<sup>th</sup> April 2018



# Competition in Science

## Learning Outcomes:

- Know about the major types and sources of energy and how they are used and measured.
- Know that energy can be stored or transferred, but not created or destroyed.
- Know about the nature and effect of different types of forces, including balanced and unbalanced forces.
- Know about the effects of forces on motion and Newton's laws of motion atmosphere.

## 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.



### Task 1:

Identify key terms we have used in this theme and write a dictionary of terms. Find out the definitions of key words, write them in your book and learn spellings



### Task 2:

Create 5 challenging quiz questions about this week's lessons to test a class mate.

Write the questions in your book with the correct answers.



### Task 3:

Create a factsheet summarising the theme, but also add additional research and facts.

Use correct terminology and use the internet to include extra fact (no copy & paste!)

