

# Woodchurch High School

## Summer Learning Pack



 THE CHURCH  
OF ENGLAND  
Diocese of Chester

to support and prepare you for

# Year 7

## Introduction

This pack contains pre-learning tasks to help you to get a head-start in your lessons over the summer break.

Completing these tasks will help you to feel more **prepared** and therefore **confident** in September.

We want you to enjoy the summer but also not forget all the hard work you have completed in primary school.

We recommend that you complete one task for each subject per week.

You can pass any completed work to your new subject teachers in the first week back and your reward will be feeling better and stronger in lessons.

Good luck!

## Contents

Introduction.....	2
English.....	3
Maths.....	4
Science.....	5
Art.....	6
Craft.....	7
Food Technology.....	8
Drama.....	9
Geography.....	10
History.....	11
MFL (Modern Foreign Languages).....	12
Religious Studies.....	13
PSCHE.....	14

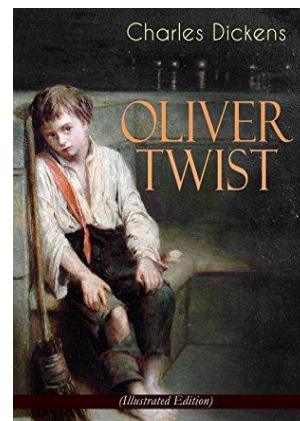
## English

### Which topic will we study first?

In September, the first thing you will be reading and learning about is 'Oliver Twist' by Charles Dickens.

### What will we be doing?

We will study this novel as a class. We will be looking at what life was like for Oliver Twist –and real people - during the Victorian Times.



### How can I get a head-start?

1. Research the author, Charles Dickens, and create a poster about his life.
2. Research the Victorian Times and create a leaflet about them.

Use the following headings in your leaflet:

- a. London and the Industrial Revolution
  - b. The Poor Law of 1834 and Workhouses
  - c. The Victorian idea of Family
  - d. Education and Childhood
  - e. Crime and 'Street Life'
3. Learn the definitions and spellings of the following words

Identity	<b>Hope</b>	Acceptance
Society	Respect	Empathy
Circumstance	Loyalty	<b>Trust</b>
Resilience	<b>Compassion</b>	<b>Endurance</b>

4. Give an example of when you have shown the qualities above in bold.
5. Describe your last day at primary school in 3 paragraphs – these challenges apply:
  - a. you are not allowed to use the word 'I'
  - b. you must use ambitious vocabulary (use a thesaurus)
  - c. you must have a variety of punctuation
  - d. you must not use peoples' names
  - e. you must not write a story – 'show, don't tell'

## Maths

### Which topic will we study first?

At the start of year 7, you will study a unit on Number Sense and Calculations, and how they can be used. You can get ahead with this topic by looking at the below links on BBC Bitesize:

- Number Lines <https://www.bbc.co.uk/bitesize/topics/zc3d7ty/articles/zdhdghv>
- Multiplication <https://www.bbc.co.uk/bitesize/topics/zc3d7ty/articles/zfbhsrd>
- Number bonds <https://www.bbc.co.uk/bitesize/articles/znmpf4j>
- Order of Operations <https://www.bbc.co.uk/bitesize/articles/z24ctv4>
- Negative Numbers <https://www.bbc.co.uk/bitesize/topics/zp26n39>

### How can I get a head-start?

When you arrive in year 7, you also need to make sure that your brains have been switched on and doing maths during your long time off school. The best way to do this is to ensure that you regularly practise your times tables and number bonds.

Times tables and number bonds are really important to being successful in maths because so much of what we do is based on these.

The site below has some practice times tables and fun games to play. You do not need to create a login in order to access the site.



<https://www.timestables.co.uk/>

## Science

### Which topic will we study first?

Calling all scientists! Gear up for September, where we'll level up those "Working Scientifically" skills that you learned in primary school (think observing, data collection, and forming awesome theories!). These skills will be our secret weapons all year long, especially when we start to explore the mysteries of solids, liquids, and gases!



### What will we be doing?

We will be planning different investigations, then we will use scientific apparatus to collect results which we will display as tables and graphs before presenting our findings in conclusions.

### How can I get a head-start?

Begin to think like a scientist by completing one or more of these challenges. More information, with videos and challenge cards can be found at

<https://www.jamesdysonfoundation.co.uk/resources/other-engineering-resources/challenge-cards.html>

1. Balloon car race- Make and race a balloon-powered car using just a balloon, a plastic cup, straws, thread and rubber bands.
2. Spaghetti bridges- Can you build a spaghetti bridge that's strong enough to hold a bag of sugar?
3. Marble run- Cardboard. Sticky tape. Marbles. Can you build a run that keeps the marble going for at least a minute?
4. Cardboard chair- This challenge focuses on the principles of design and structure. Can you design and build a chair from cardboard, that's strong enough to support your weight?
5. Make a periscope- Can you turn a shoebox into an ingenious device for seeing around corners?

6. Cardboard boat- This challenge will test your design and invention skills. Can you design and build a boat from cardboard that's strong enough to float, even with a weight on board?

When you've completed a challenge, take a photo or video of your design (not of you) and email it to Mrs Taylor the Curriculum Leader for Science at [jen.taylor@woodchurchhigh.com](mailto:jen.taylor@woodchurchhigh.com)

## Art

### **Which topic will we study first?**

The first topic we will study in Art is 'The Elements of Art'

### **What will we be doing?**

We will investigate and learn about 'The Elements of Art' as the building blocks of all creative pieces of visual artwork. We will explore and experiment with a range of materials to create work that focuses on learning each element of art and develop our own visual language that we can use to create, discuss and form opinions about our work as an artist and about the work of others as art critics.

### **How can I get a head-start?**

#### Task 1 : What is colour theory?

Find objects around the house to produce a colour wheel, ensuring colours are in the correct order. You could collage the items and stick them together, you could use art materials to create/draw/paint it, or you could create a big arrangement of the objects and photograph your colour wheel.

<https://www.interaction-design.org/literature/topics/color-theory>

#### Task 2: How do artists use the elements of art?

Design/make/create a poster, leaflet or brochure that shows the elements of art below. Research a definition for each one and find an image of a piece of work by an artist/designer/maker/craftsperson/photographer, which includes an example of the element you are showing. You can produce this work digitally or manually using whatever materials you have access to.

ELEMENTS: LINE , TONE , PATTERN , TEXTURE , SHAPE , COLOUR.

#### Task 3: Show off where you are on your journey as an artist.

If you have learnt about any artists or art styles in your primary school tell us about them. Be imaginative in your presentation of what you have learnt. You could create a small sketchbook showing the skills and styles you have practised before. You could create your own piece of artwork inspired by an artist you studied. You could present any of your knowledge on a poster about an art style you studied.

## Craft

### **Which topic will we study first?**

The first Craft enquiry you will investigate is 'Rio Favela Houses'.

### **What will we be doing?**

We will make our own Favela Houses inspired by the Santa Marta favela in Rio de Janeiro. Through our making, we will explore how people live there and where they call home in a culture very different to our own, reflecting on our Christian Values of thankfulness and compassion. We will then look at the 'Favela Painting Project', how that brought hope to the favelas and how art can improve the living conditions of a community, linked to your Art investigation into Rio based artist Beatriz Milhazes.

### **How can I get a head-start?**

#### Task 1

Research the Santa Marta Favela in Rio de Janeiro. Find and learn 5 facts about the favela. (Eg. How many people live there or how many houses there are.)

You will be asked to share what you found out in your first Craft lesson.

#### Task 2

Collect your own images of the Santa Marta favela that you can use on your presentation board in lessons. Aim for 5 in a range of sizes.

#### Task 3

Use the Favela Painting Project website to research what kind of creative projects have been done in the favelas and how they have helped the communities.

Create a poster to present your research.

<https://favelapainting.com/PROJECTS>

#### Task 4

Create your own mural artwork design for a building in your neighbourhood that you think would brighten, bring hope and joy to your community. You should try to create a positive message in your mural that is linked to the local community.



# Food Technology

## **Food Technology**

In Food Technology you will experience using equipment and making dishes following a recipe.

To help you get a head start:

Week 1: Investigate and label the equipment below

Week 2: Use the recipe sheet to help you to make a cup of tea for someone who looks after you.

### **Equipment**

In food technology lessons you will be using a range of equipment to prepare and cook your recipes. Before we start we must make sure that we know what pieces of equipment look like. Look at the pictures and fill in the boxes with the name of the item:

					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

### How To Make A Cup Of Tea

Fill the kettle with water from the cold tap.

Switch the kettle on and leave it until the water boils.

Put a teabag in a mug.

Pour boiled water over the teabag.

Leave the tea to stew for a minute.

Remove the teabag with a spoon.

Add milk and sugar if required and stir with a teaspoon.



# Drama

## Which topic will we study first?

In September, the first thing you will learn about in Drama is the origin of theatre! We will consider theatre from Ancient Greece to 16<sup>th</sup> century Italy, Shakespearean England and more to learn all about different styles of theatre.

## What will we be doing?

We will consider key moments in theatre history and experiment with our acting skills to bring to life different performances that encapsulate these styles of theatre.

## How can I get a head-start?

You can complete the tasks below to help you to get a head start in Year 7 Drama:

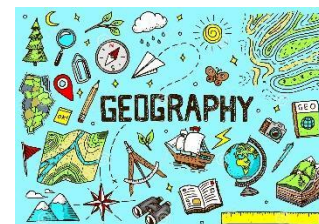
1. Think about the question, 'What makes us who we are?' Create a poster detailing everything that makes you who you are.
2. Research the following types of theatre and create a leaflet about them.  
Use the following headings in your leaflet:
  - a. Ancient Greek Theatre
  - b. Commedia Dell'Arte
  - c. Shakespearean Theatre
  - d. Slapstick Comedy

3. Learn the definitions and spellings of the following skills

Still Image	Mime	Narration
Gesture	Tone	Facial Expression
Theatre	Conventions	Dialogue
Script	Character	Language

4. This year will be the first time you have experienced a Drama lesson at Woodchurch. Share your responses to the following questions:
  - a. What does the word Drama mean to you?
  - b. What is your experience of Drama? Have you participated in any before?
  - c. What are you most looking forward to about the subject?
  - d. Is there anything you are nervous about? If so, what?
  - e. If you could ask one question about Drama, what would it be?

# Geography



## Which topic will we study first?

In September, the first topic we will study is 'Geography and Me'.

## What will we be doing?

We will be learning about the world around us and getting a good understanding of where we live. We will use a range of maps and images to help us learn.

## How can I get a head-start?

Have a go at these tasks below- do one per week:

Week	Task	Useful Websites/Resources
1	Learn the 7 continents and 5 oceans of the world	This link has a great quiz to test your knowledge of continents and oceans: <a href="http://www.sheppardsoftware.com/World_Continents.htm">http://www.sheppardsoftware.com/World_Continents.htm</a>
2	Find out the countries that make-up Great Britain, United Kingdom and British Isles. Try to remember them	You will find 3 maps and an explanation for each to try and help you remember them: <a href="https://www.ordnancesurvey.co.uk/blog/2011/08/whats-the-difference-between-uk-britain-and-british-isles/">https://www.ordnancesurvey.co.uk/blog/2011/08/whats-the-difference-between-uk-britain-and-british-isles/</a>
3	Our Wirral Peninsula- draw a basic outline shape of the Wirral and mark on your map any important places to you- you may have visited, have family/friends there etc.	Use Google maps on your phone/laptop: <a href="https://www.google.co.uk/maps/place/Wirral/@53.3711009,-3.3636323,10z/data=!3m1!4b1!4m5!3m4!1s0x487b27eed3e13ec5:0x40cf99eed6d33f0!8m2!3d53.3727181!4d-3.073754">https://www.google.co.uk/maps/place/Wirral/@53.3711009,-3.3636323,10z/data=!3m1!4b1!4m5!3m4!1s0x487b27eed3e13ec5:0x40cf99eed6d33f0!8m2!3d53.3727181!4d-3.073754</a>
4	Create a map of your street and neighbourhood	Again, use Google maps here to help you sketch your map
5	Learn compass directions	Use the 5 pages on Mapzone and learn all 16 points of the compass and how to use them: <a href="https://www.ordnancesurvey.co.uk/mapzone/map-skills/compasses-and-directions/page-one">https://www.ordnancesurvey.co.uk/mapzone/map-skills/compasses-and-directions/page-one</a>
6	Study and practise map skills such as: measuring distance, scale, relief and contours, grid references and map symbols	Again, use Mapzone here: <a href="https://www.ordnancesurvey.co.uk/mapzone/map-skills">https://www.ordnancesurvey.co.uk/mapzone/map-skills</a>

## History

### Which topic will we study first?

Medieval Europe - How disruptive were the Normans?

### What will we be doing?

We will be using stories to find out how the Norman invasion and conquest of England from 1066 led to great changes in who held power and who controlled the land.

### How can I get a head-start?

1. Use the link below to watch the playlist about the *Norman Conquest of England*, taking notes on:

- Why did people want to come to England?
- Who wanted to be King of England and why?
- What were the main battles of 1066 and who won them

[https://www.youtube.com/watch?v=1sK4JX0co8I&list=PLcvEcrsF\\_9zK2bOCseaghBlucwf9pcsFX](https://www.youtube.com/watch?v=1sK4JX0co8I&list=PLcvEcrsF_9zK2bOCseaghBlucwf9pcsFX)

2.

- The Measly Middle Ages (Horrible Histories) – what do you learn from each sketch?

<https://www.youtube.com/watch?v=GtYb038Q7DY>

## MFL (Modern Foreign Languages)

### Which topic will we study first?

In September, the first things you will be learning are how to:

- Pronounce words in French / Spanish
- Memorise new vocabulary
- Talk about yourself and others
- Use 'cognates' to help understand texts



### What will we be doing?

We will be learning that, without perhaps realising it, we already know a lot of French/Spanish words, we just need to practise saying them and learning new vocabulary so that we can quickly form sentences and have short conversations.

### How can I get a head-start?

1. Research the countries where French / Spanish is spoken as a first language.
2. Choose two of these countries, find out 10 interesting facts about them and turn this information into a poster or a leaflet on each.
3. Learn the definitions for a verb, noun and adjective and then give five examples of each in English.
4. Find a relative or friend who can speak another language or who remembers some phrases from when they were taught in school. Get them to teach you at least 5 words or, preferably, phrases. Make a note of them, both in English and the other language. Practise saying them until you can say them from memory.
5. Find out the meaning of the term 'cognate' and then find 10 examples in French / Spanish
6. Learn the numbers 1-20

Spanish <https://www.youtube.com/watch?v=C58QilFeKow>

French <https://www.youtube.com/watch?v=vy2EbFpP8eI>

## Religious Studies

### Which topic will we study first?

In September you will be learning about Christianity.

### What will we be doing?

You will be investigating what Christians believe and how they put their faith into action.

### How can I get a head-start?

Log on to: BBC Bitesize-KS3-Religious Studies-Christianity-Beliefs-Key facts about Christianity

<https://www.bbc.co.uk/bitesize/topics/z4tb4wx/articles/zk4fxyz>

- **Task 1:** Watch the video, write down 5 things Jonnie believes as a Christian
- **Task 2:** Read the information on each section of the 'What do Christians believe and how do they worship'. Create a mind-map writing no more than three bullet points on each section
- **Task 3:** Look at the diagram 'Inside a Church' read the information on each section
- **Task 4:** Either create your own labelled diagram of a Church or create a leaflet explaining each section of a Church
- **Task 5:** Read the information about the Trinity. Draw and label your own diagram to show you understand what the trinity is
- **Task 6:** Complete the quiz

## PSCHE

### Which topic will we study first?

In September you will be learning about online safety.

### What will we be doing?

You will be investigating how to stay safe online and the importance of your Digital footprint.

### How can I get a head-start?

Watch the clip below and make notes on the dangers of the Digital world.

<https://www.youtube.com/watch?v=HxySrSbSY7o>

#### Task 1:

- log onto this webpage  
<https://www.youtube.com/watch?v=qr3AqXVbgVg> (Or type into google; What is PSHE?)
- Watch Video
- Around the image below mind-map what PSHE actually is...



#### Task 2:

Explain why you think it is important to participate in PSHE in secondary school?

#### Task 3:

Conduct your own research. What is online safety? What are the possible consequences of NOT being safe online?

#### Task 4:

Log onto BBC Bitesize and research how to stay safe online. Create a leaflet explaining **HOW** to stay safe online and **WHY** it is important to stay safe online.



#### Task 5:

Conduct your own research; find out what our **'Digital Footprint'** is. Write a letter to a friend explaining to them why it is important to monitor your digital footprint.



#### Task 6:

Watch the two clips:

1. [https://www.youtube.com/watch?v=6ctd75a7\\_Yw](https://www.youtube.com/watch?v=6ctd75a7_Yw)
2. [https://www.youtube.com/watch?v=Jwu\\_7lqWh8Y](https://www.youtube.com/watch?v=Jwu_7lqWh8Y)

Create a **mind map** answering both questions.

1. What is cyberbullying?
2. How to beat cyberbullying?