

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
Computing	6
Art	7
Craft	8
Food Technology	9
Drama	10
Geography	11
History	12
MFL (Modern Foreign Languages)	13
Religious Studies	14
PSCHE	15

English

Which topic will we study first?

In September, the first thing you will be reading and learning about is *Romeo and Juliet* by William Shakespeare.



What will we be doing?

We will study this play in our English classes. We will be looking at what life was like for Romeo and Juliet – and real people – during the Elizabeth Era.

How can I get a head-start?

1. Research the playwright, William Shakespeare, and create a poster about his life.
2. Research the Elizabethan Era and create a leaflet, poster, or presentation about it.

Use the following headings in your leaflet, poster, or presentation:

A. Queen Elizabeth I and Life in Elizabethan England

- Who was Queen Elizabeth I?
- What was life like for rich and poor people?

B. Family, Marriage and Gender Roles

- What were the roles of men and women?
- Why were marriage and family honour so important?

C. Religion

- Why was religion central to everyday life?
- What happened if people followed the wrong religion?

D. Theatre and Entertainment

- What was the Elizabethan theatre like?
- Why were Shakespeare's plays so popular?

E. Conflict, Honour and Duelling

- Why did people fight duels?
- Why were honour and reputation so important?
- How do these ideas help us understand *Romeo and Juliet*?

3. Learn the definitions and spellings of the following words. Can you think of an example of when you have shown the qualities in **bold**?

Endurance	Hope	Compassion	Trust	Endurance
Hamartia	Fate	Feud	Conflict	Love

4. Describe your last day at primary school in 3 paragraphs – these challenges apply:
 - you should try not to use the word 'I'
 - you should try to use ambitious vocabulary (use a thesaurus - online is fine!)
 - you should try to have a variety of punctuation
 - you should try to not use peoples' names
 - you should not write a story – just describe and '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

Computing

Which topic will we study first?

The first topic we will be studying is "How to collaborate online successfully" this is essential learning as we are a Google school and lots of your course material will be delivered via the Google classroom platform



What will we be doing?

As well as developing our computer science knowledge and understanding throughout the KS3 curriculum, we will also develop your digital literacy skills so you can become confident and safe users of ICT.

How can I get a head-start?

Use the resources below, they will help you by getting an understanding of how you can keep yourselves safe online and what to do if you need further support:

[UK Safer Internet Centre](#)

[Childline](#)

[BBC Bitesize](#)

Task 1 - Familiar with software

Create a presentation that tells the audience what pieces of software/apps you have used in primary school. How have you used them? What techniques did you use? Do you have any tips/tricks for new users?

Task 2 - Block-based programming

Using a block based programming language, create a game for a KS2/3 students. If you are struggling with any ideas there are walk through guides on our school subject sites: [Racing game instructions](#)

Task 3 - Poster

Using suitable software, create a poster that highlights all of the things you are looking forward to doing at Woodchurch High School. If you aim your audience at KS2

students. Think about the text you will use and the colours you will use. What colours work together? What images will you use?

When you've completed any task, email it to Mr O'Leary the Curriculum Leader for Computer Science, ICT and Business at michael.oleary@woodchurchhigh.com. It would be great to see the digital literacy skills you have already.

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 the work of 'Antoni Gaudi'.

What will we be doing?

We will make our own stained glass window inspired by the Sagrada Família, found in Barcelona. Through our making, we will explore how Gaudi developed his love of nature and created amazing buildings very different to our own, reflecting on our Christian Values of thankfulness and compassion.

How can I get a head-start?

Task 1

Research the Sagrada Familia in Barcelona. Find and learn 5 facts about the building. (Eg. How long did it take to build?)

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

Task 2

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

Task 3

Design your own mosaic patterns using different mediums. For example, pencil crayons, magazines or paints.

Food Technology

Food Technology

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

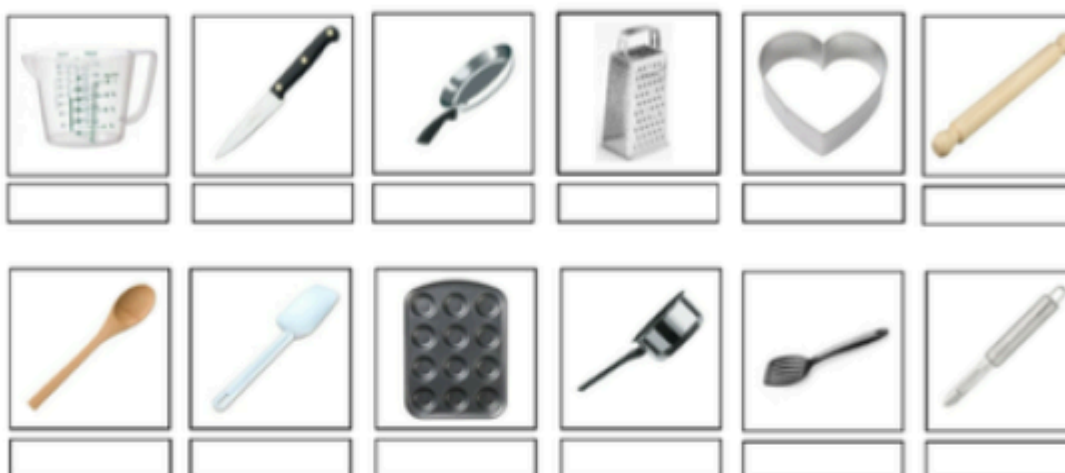
To help you get a head start:

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:



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 16th 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?

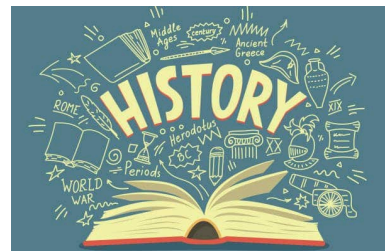
You can complete the tasks below to help you to get a head start in Year 7 Drama:

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. Pantomime
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?

History



Which topic will we study first?

Medieval rulers across Europe from 1000AD to approximately 1272. You will learn about the problems, dangers and issues they faced keeping power and staying in control.

What will we be doing?

We will learn about Empress Zoe in Constantinople, the Norman Conquest of England in 1066, the Byzantine Emperor, Alexios I and finally how some kings of England had a nightmare time controlling their own country.

How can I get a head-start?

Week	Suggested activities to support transition
1	Create a Concept Map about the ancient city of Constantinople. Try to include 8 facts that show Constantinople was a significant (important) city. Constantinople in 1000AD
2	Watch this video about who wanted to be King of England in 1066. Try to write down reasons each person thought they were the true ruler of England. Who wanted to be King of England in 1066?
3	Watch these two videos and create a storyboard of the big battles of 1066 (Stamford Bridge and Hastings) Battle of Stamford Bridge Battle of Hastings
4	Find out how William secured his power over England and how the English people responded to their new French king. Try to write a paragraph for each. How did William secure his power? How did the English people respond to their new French king?
5	Complete an online lesson that introduces the Crusades, a story where the Byzantine Emperor Alexios I has a big part! Online Lesson 'The Causes of the First Crusade'
6	Complete an online lesson that explains the importance of Magna Carta and the problems facing medieval kings. Magna Carta and the Nightmare Kings

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/zk4fxyc>

- **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
2. https://www.youtube.com/watch?v=Jwu_7lqWh8Y

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

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