

Woodchurch High School

Summer Learning Pack



 THE CHURCH
OF ENGLAND
Diocese of Chester

to support and prepare you for

Year 8

Introduction

This pack contains tasks which will consolidate your Year 7 learning and pre-learning tasks to help you to get a head-start in your Year 8 subjects 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 Year 7.

You should pass any completed work to your new subject teachers in the first week back.

Your reward will be feeling better and stronger in lessons.

Good luck!

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English

What key learning do I need to revise?

1. Use the Google Site to revise your work on **Oliver Twist**. Here is a link:
<https://sites.google.com/woodchurchhigh.com/english/year-7/oliver-twist>
 - a. Child Labour
 - b. The Poor Law Amendment Act
 - c. Charles Dickens' beliefs and motives
2. Industrialization (recalling the work you did on William Blake will also help here)
3. The format / layout for a speech and formal letter
4. Persuasive devices and their effects (SPEARFACTOR)
5. The definitions and spellings of the following words:

Identity, society, circumstance, resilience, acceptance, empathy, tolerance, respect, loyalty, narrator, narrative perspective, cruelty, exploitation, significant, emphasise, convey.

How can I get a head-start?

1. To prepare you for your study of tension in the novel, **The Woman in Black** by Susan Hill, watch the trailer below. The Director has intentionally tried to scare the audience to make them want to see the film. How has he done this? You may want to think about:
 - a. The sounds and music
 - b. The weather
 - c. The action
 - d. The pace (slow or fast)

<https://www.youtube.com/watch?v=VnY0fEV30Wk>
2. To prepare for your study of William Shakespeare's **Much Ado About Nothing**, create a revision poster on Shakespeare's Life and Times. Include details of Elizabethan life and the status of men and women in this period (patriarchy). Research how differently they were treated based on their age, wealth and gender.
3. To prepare you for studying **Blood Brothers** by Willy Russell, use the following newspaper article and revision website to make notes on Life in Britain, and specifically Liverpool, in the 1980s.
<https://www.theguardian.com/books/2009/apr/19/1980s-cultural-history>
http://www.bbc.co.uk/schools/gcsebitesize/english_literature/dramabloodbrothers/0drama_bloodbrothers_contrev2.shtml

We want to remind you that there are pre-recorded video lessons on the English Site for the work you have missed on 'Romeo and Juliet' and Poetry from your Year 7 Anthology.

Maths

What key learning do I need to revise?

We want to say a huge well done to all of you who have been engaging so well with the work on MathsWatch over the past couple of months. To check that everyone is ready to move on to year 8, we will be assessing you on the below during the first couple of weeks back, so please treat the next few weeks as a great chance to revise properly for this assessment.

Number Properties

- Primes, Multiples and Factors: <https://www.bbc.co.uk/bitesize/topics/z6j2tfr>
- Power and Roots: <https://www.bbc.co.uk/bitesize/topics/ztqmhyc>

Substitution

- Substitution: <https://www.bbc.co.uk/bitesize/guides/zqpfcj6/revision/2>
- Linear Graphs: <https://www.bbc.co.uk/bitesize/topics/zdbc87h/articles/zkpi2nb>

2D Shapes

- Measures: <https://www.bbc.co.uk/bitesize/guides/zthsgk7/revision/1>
- Symmetry: <https://www.bbc.co.uk/bitesize/guides/zsktyrd/revision/1>
- Transformations: <https://www.bbc.co.uk/bitesize/guides/zkw2pv4/revision/1>
- Angles and Triangles: <https://www.bbc.co.uk/bitesize/guides/zrck7ty/revision/1>
- Circles: <https://www.bbc.co.uk/bitesize/guides/zc9wxnb/revision/1>
- 2D Shapes: <https://www.bbc.co.uk/bitesize/guides/zj76fg8/revision/1>

3D Shapes

- Area: <https://www.bbc.co.uk/bitesize/guides/z2mtyrd/revision/1>
- Perimeter: <https://www.bbc.co.uk/bitesize/guides/zsf39j6/revision/1>
- Volume: <https://www.bbc.co.uk/bitesize/guides/z26nb9q/revision/1>
- 3D Shapes: <https://www.bbc.co.uk/bitesize/guides/zj76fg8/revision/1>

Equations

- Introduction to Equation: <https://www.bbc.co.uk/bitesize/guides/zbybkqt/revision/1>

How can I get a head-start?

<https://sites.google.com/view/maths-department-woodchurchh/year-8>

If you consult the Maths Department Subject Site for year 8 you will see the following:

- Learning Objectives which you will study next year
- Exit Passes for each Learning Objective. You will complete these in class, but they are available for you online so that you can revise for your termly assessments. Use the summer to get ahead by having a go at these before you look at them in class.

Don't forget, you have also still got access to Hegarty Maths, and if you search for any of the key words on the Videos screen you will be able to find the relevant video.

Science

What key learning do I need to revise?

1. From your biology work on **cells**, draw poster of an animal and a plant cell including:
 - a. Cell structure- the different sub-cellular structures and what their functions are.
 - b. Diffusion- how particles move by diffusion.
2. From your chemistry work on **particle model**, produce a flash card defining each of these key concepts:
 - a. Particle model- the structure of particles in solids, liquids and gases.
 - b. Elements and compounds- what is meant by each term and the difference between each.
3. From your physics work on **energy**, draw a mind map of each energy store with examples of each one:
 - a. Energy stores- the different types of energy store.
 - b. Heating and cooling- what is meant by temperature and what is the thermal energy store.

The definitions and spellings of the following words:

Cell membrane, cell wall, mitochondria, cytoplasm, vacuole, nucleus, chloroplast, particle, element, compound, kinetic, gravitational potential, chemical, thermal, elastic potential, temperature.

How can I get a head-start?

1. To prepare for the unit of work on **From cells to organ systems** you should research the structure of:
 - a. The digestive system.
 - b. The circulatory system.
 - c. The breathing system.
 - d. The skeleton and muscles.

<https://www.bbc.co.uk/bitesize/guides/z9hyvcw/revision/1>

2. To prepare for the unit of work on **Chemical change** you should research:
 - a. That chemical reactions create new substances.
 - b. How atoms are rearranged in a chemical reaction.

<https://www.bbc.co.uk/bitesize/topics/zypsgk7/articles/zwxhk2p>

3. To prepare for the unit of work on **Heating and cooling** you should research:
 - a. Thermal conduction.
 - b. Heating and cooling.

<https://www.bbc.co.uk/bitesize/guides/z99jq6f/revision/1>

PLCs and resources for all of these topics can be found on the Science Site (Woodchurch login access only) <https://sites.google.com/woodchurchhigh.com/science-new/year-8>

Art

What key learning do I need to know?

1. How do you draw a face?
2. What is proportion within portraits?
3. How do you draw facial features?
4. What is tonal shading?
5. Who is Jean- Michel Basquiat?
6. How can you develop your portrait in the style of Jean- Michel Basquiat?
7. What is composition?

https://www.youtube.com/watch?v=JX02QQXfb_o

How can I get a head-start?

1. How do you draw a face? What are the proportions? Create a poster that identifies the steps.
2. How can you use different tutorials on 'YouTube' to draw different features individually? For e.g the eyes, the nose, mouth etc.

https://www.youtube.com/results?search_query=how+to+draw+an+eye+step+by+step+easy+drawing+tutorials

https://www.youtube.com/results?search_query=how+to+draw+a+nose+step+by+step+easy+drawing+tutorials

https://www.youtube.com/results?search_query=how+to+draw+a+mouth+step+by+step+easy+drawing+tutorials

3. What is tonal shading and why is it so important on facial expressions?
4. Research Jean- Michel Basquiat ? What was he inspired by? How can you develop your figure drawings in the style of the artist? What key words would you use to describe the work of Basquiat? Research the types of art he produced and worked on.

Engineering

What key learning do I need to revise?

- What is CAD (computer aided design)?
- How can CAD be used to design engineered products?
- How to use CAD SketchUp.

How can I get a head-start?

In year 8 you will be manufacturing a Towers of Hanoi game. This game had to be designed and CAD was used to do that. Being able to use CAD is a necessity for engineers of today. To get a head start and a better understanding of the entire process of design and manufacture, complete the SketchUp tutorials below:

Tutorial 1 <https://sites.google.com/woodchurchhigh.com/engineering-ecad/sketch-up-tutorials/tutorial-1>

Tutorial 2 <https://sites.google.com/woodchurchhigh.com/engineering-ecad/sketch-up-tutorials/tutorial-2>

Tutorial 3 <https://sites.google.com/woodchurchhigh.com/engineering-ecad/sketch-up-tutorials/tutorial-3>

Tutorial 4 <https://sites.google.com/woodchurchhigh.com/engineering-ecad/sketch-up-tutorials/tutorial-4>

Food Technology

What key learning do I need to revise?

Watch the video on YouTube from The British Nutrition Foundation – *Making better Choices with the Eatwell Guide* <https://www.youtube.com/watch?v=1tJYcNt6Bpk>

Thinking about your own diet, do you follow the principles of the Eatwell Guide?
What small changes could you make to improve the nutrition of your diet?

How can I get a head-start?

During Year 8 we will investigate and study the question ‘is fast food bad food?’

To prepare you for your study, revisit any recipes you have made in year 7 and make them again at home. All the recipes can be found on:

<https://sites.google.com/woodchurchhigh.com/foodtechnologyecad/ks-3>

This will develop your practical skills. Remember that food hygiene is an integral element of cooking - so remember to do your own dishes and avoid using the dishwasher.

What else can I do:

Take part in the Woodchurch Summer Virtual Cooking Challenge. This has been emailed out to you and can also be found here:

<https://sites.google.com/woodchurchhigh.com/foodtechnologyecad/home/get-cooking-challenge>

This is a 6 week cooking challenge with a recipe challenge every week. Send the photographs of the dishes you make to: joannedutfield@woodchurchhigh.com

Drama

Which topic will we study first?

In September, the first thing you will study in your Drama lessons will be a Learning Programme called Darkwood Manor! It's all about a haunted mansion, located near to the Yorkshire Moors.

What will we be doing?

We will consider the horror stories from the manor house and work together, in small groups, to bring our own performances about what really happened there to life.

How can I get a head-start?

You can complete the tasks below to help you to get a head start in Year 8 Drama:

1. Draw and label an image of what you think Darkwood Manor looks like.
2. Research the Theatre Practitioner, Antonin Artaud and create a leaflet about him. You can find information about Artaud on our subject site!

Use the following headings in your leaflet:

- a. Facts about Antonin Artaud
- b. Antonin Artaud's Life
- c. Features of Artaud's Theatre

3. Learn the definitions and spellings of the following skills

Mime	Physical Theatre	Cross-Cutting
Soundscape	Volume	Interaction
Sequencing	Stylistic Features	Narrative
Plot	Linear	Non-Linear

4. Create flashcards to help you to revisit these skills regularly throughout the summer.
5. Write your own horror story with the title – 'A Visit to Darkwood Manor.'
Include the following information:
 - a. What does the house look like?
 - b. What can you see, hear, smell, feel and taste when you visit the house?
 - c. How did it become haunted?
 - d. Why are you visiting the house?

e. What happens on your visit?

Geography

What key learning can I revise? How can I get a head-start?

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: http://www.sheppardsoftware.com/World_Continents.htm
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: https://www.ordnancesurvey.co.uk/blog/2011/08/whats-the-difference-between-uk-britain-and-british-isles/
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/friend there etc.	Use Google maps on your phone/laptop: 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
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: https://www.ordnancesurvey.co.uk/mapzone/map-skills/compasses-and-directions/page-one
6	Study and practise map skills such as: measuring distance, scale, relief and contours, grid references and map symbols	Again, use Mapzone here: https://www.ordnancesurvey.co.uk/mapzone/map-skills

Explore your Geography Year 8 Site here using this link:

<https://sites.google.com/woodchurchhigh.com/geographywoodchurch/year-8>

Use BBC Bitesize to read through the information, create your own revision notes and do the Bitesize tests on:

Biomes - Learn the names of the world major biomes and be able to give characteristics

<https://www.bbc.co.uk/bitesize/guides/zh2p34i/revision/2>

Food chains and webs- Learn the definitions of key terms: food chain, food web, producer, consumer <https://www.bbc.co.uk/bitesize/guides/zq4wjxs/revision/1>

Tropical Rainforests- Be able to locate the tropical rainforest and describe the different layers

<https://www.bbc.co.uk/bitesize/guides/zpmnb9q/revision/1>

History

What key learning do I need to revise?

1. The Battle of Hastings - why did William win?
2. How England changed after Hastings - did the Normans bring a truckload of trouble?
3. The power of the Medieval Church - were Medieval Kings as powerful as they wanted to be?
4. Medieval medicine - which civilisation had the most advanced healthcare?

How can I get a head-start?

1. Use [this link](#) to learn about everyday life under **The Tudors**, making notes on:
 - Jobs
 - Lives of the rich
 - Lives of the poor
 - Life in towns and cities
2. To prepare you for your study of **The Stuarts** next year you should complete the tasks on the Gunpowder Plot and Witches in [this document](#).
3. Use the link below to research about the **English Civil War**, taking notes on:
 - Who was James I?
 - English Civil War (why did it happen? Who won?)
 - Oliver Cromwell (who was he? Was he popular?)
 - Fire of London (1668)

<https://www.bbc.co.uk/bitesize/guides/zky82hv/revision/1>

ICT

- All summer work for Computing & Business can be found on the Computing & Business website.
- Simply log into the Computing & Business section and the work is at the top of the homepage.
- We have placed your work into year group folders based on the year group you will be in **next year**.

How can I get a head-start?

Complete the worksheet on control and flowcharts.

Go onto <https://scratch.mit.edu/> and look at the different games and animations that have been programmed and look to program one yourself

French

What key learning do I need to revise?

1. The key sound / spelling patterns in French. For some useful tips, watch the two video clips on BBC Bitesize: 'Pronouncing words in French' and 'Understanding silent letters in French'
<https://www.bbc.co.uk/bitesize/subjects/zgdqxnbn>
2. Use the google site to revise the topic 'C'est Perso' from Year 7 using the MFL google site:
<https://sites.google.com/woodchurchhigh.com/mfl/french/unit-1-cest-perso>
3. The present tense of ER verbs
<https://sites.google.com/woodchurchhigh.com/mfl/french/the-present-tense>
4. The present tense of the key irregular verbs: avoir and être
<https://www.bbc.co.uk/bitesize/topics/zjx947h/articles/z6bs2sg>
5. The interrogatives (the 'question words')
<https://quizlet.com/gb/255030206/gcse-french-asking-questions-flash-cards/>
6. Opinion phrases in French, connectives and adjectives.
<https://quizlet.com/gb/177338882/school-opinions-flash-cards/>

How can I get a head-start?

To prepare to learn about new technology:

1. Use the google site to revise the first topic 'T'es branché?' from Year 8 using the MFL google site:
<https://sites.google.com/woodchurchhigh.com/mfl/french/unit-1-tes-branch%C3%A9>
2. Revise the key vocabulary from the unit using Quizlet.
<https://quizlet.com/gb/216242970/y8-french-on-the-internet-flash-cards/>
3. Revise the key irregular verb 'faire' using BBC Bitesize.
<https://www.bbc.co.uk/bitesize/topics/zjx947h/articles/zvw4f4j>
4. Revise how to talk about your hobbies in French.
<https://www.bbc.co.uk/bitesize/topics/zjcbri6/articles/zpiq4xs>

Spanish

What key learning do I need to revise?

1. The key sound / spelling patterns in Spanish. It may be helpful to watch the BBC Bitesize clip to get some tips:
<https://www.bbc.co.uk/bitesize/topics/zhy27nb/articles/zk78382>
2. Use the google site to revise the topic 'Vamos' from Year 7 using the MFL google site:
<https://sites.google.com/woodchurchhigh.com/mfl/spanish/unit-1-vamos>
3. The present tense in Spanish:
<https://sites.google.com/woodchurchhigh.com/mfl/spanish/the-present>
4. The present tense key irregular verbs: tener and ser
<https://www.bbc.co.uk/bitesize/topics/zfvt6v4/articles/zkmwggw>
5. The interrogatives (the 'question words')
<https://quizlet.com/gb/575511329/common-questions-flash-cards/>
6. Opinion phrases in Spanish, connectives and adjectives.
<https://quizlet.com/gb/575535764/opinions-flash-cards/>
<https://quizlet.com/gb/575490720/connectives-flash-cards/>

How can I get a head-start?

To prepare to learn how to talk about free-time activities and how to describe your local area:

1. Use the google site to revise the first topic 'Mi Pueblo' from Year 8 using the MFL google site:
<https://sites.google.com/woodchurchhigh.com/mfl/spanish/unit-1-mi-pueblo>
2. Learn the vocabulary to talk about sports (English subtitles can be added using the tools button and Spanish subtitles are added when the interviews are repeated)
<https://www.youtube.com/watch?v=8HKfV9u6ehE>
3. Learn the phrases for other pastimes:
<https://www.youtube.com/watch?v=qXjMDCKS8d0>
4. Watch this clip and note down the places mentioned in Spanish
<https://www.youtube.com/watch?v=lvMh0OrcttM>
5. Watch this clip and, using the Spanish and English subtitles, note down the rooms and furniture in Spanish and English:
<https://www.youtube.com/watch?v=Qs3kUMqRvKY>

Religious Studies

What key learning do I need to revise?

Log on to our subject site:

<https://sites.google.com/woodchurchhigh.com/rswoodchurch/year-7/christianity>

- **Task 1:** Listen to each of the asynchronous (recorded) lessons on Christianity. Whilst watching/listening to each lesson, create concept maps, flashcards or condensed notes for each of the sub-topics.
- **Task 2:** Use your revision resources to create a detailed fact-file on Christianity

How can I get a head-start?

Log on to our subject site:

<https://sites.google.com/woodchurchhigh.com/rswoodchurch/year-8/faith-in-action>

- **Task 1:** Listen to the asynchronous (recorded) lessons 1,2 and 3
- **Task 2:** Whilst watching/listening to each lesson, create concept maps, flashcards or condensed notes for each of the sub-topics.

What key learning do I need to revise?

1. What is PSCHE and WHY is it important?
2. Describe the components of a healthy relationship.
3. What is cyberbullying? Create a poster which shows this.
4. What is a digital footprint?
5. Learn the **spellings** and **definitions** of the following words:
 - a) Personal
 - b) Social
 - c) Economic
 - d) Resilient
 - e) Confident
 - f) Legal
 - g) Illegal

How can I get a head-start?

Go to the PSHCE Site: [PSHCE Learning Site](#) - click on the different buttons for information on all of your new and exciting topics.

1. **This year we will look at Public Health in Wirral.**
 - Task 1: Watch the clip:
<https://youtu.be/kEC2W41ZtIE?list=PLudLLrrLGg8cPmRMI6MYrOpy7fDkJEvW1>
 - What is a Public Health Report?
 - What is an accidental death?
 - How can we improve the health of people living in Wirral?
 - Create a revision poster on how people living in Wirral can improve their health.
2. **We will also look at healthy versus unhealthy relationships.**
 - Watch the clip below.
 - <https://www.youtube.com/watch?v=UB9anEZx9LU>
 - Make notes on how you know a healthy relationship is turning unhealthy.
 - Write a speech on the importance of respect, equality and communication skills in a healthy relationship.
3. **We will also look at the dangers of drugs.**
 - Watch the clip:
 - <https://www.youtube.com/watch?v=C3Na592f9oc>
 - Create a mind map on the dangers of all drugs.

