



# WELCOME TO YEAR 11



## GCSE Preparation

## Summer Home Study



"The best way to  
predict your future  
is to create it."

*- Abraham Lincoln*

KEY DATES	
Y11 DIAGNOSTIC ASSESSMENT WEEK	12 <sup>th</sup> -16 <sup>th</sup> September
Sixth Form Open Evening	11 <sup>th</sup> October 6-8pm
Walking-Talking Mocks	17 <sup>th</sup> – 21 <sup>st</sup> October
SLT Progress Meetings with students	31 <sup>st</sup> October – 4 <sup>th</sup> November
Revision Skills Evening 6-7pm	3 <sup>rd</sup> November 6-7pm
Spanish Speaking Mocks	22 <sup>nd</sup> – 25 <sup>th</sup> November
MOCK EXAMS 1	28 <sup>th</sup> November – 9 <sup>th</sup> December
Deadline for The Ripley Academy Sixth Form Applications	19 <sup>th</sup> December
Mock Results Day	21 <sup>st</sup> December
Post 16 Applicant Interviews	9 <sup>th</sup> – 13 <sup>th</sup> January
SLT Progress Meetings with students	23 <sup>rd</sup> – 27 <sup>th</sup> January
Year 11 Parents Evening	24 <sup>th</sup> January 4-7pm
Spanish Speaking Mocks	27 <sup>th</sup> February – 3 <sup>rd</sup> March
MOCK EXAMS 2	6 <sup>th</sup> – 17 <sup>th</sup> March
Year 11 Exam Preparation Evening	20 <sup>th</sup> March 6-7pm
GCSE EXAMINATION PERIOD	May – June 2023

\* Please note some GCSE examinations for example, food, art, photography and languages take place before the main exam period. Students will receive personalised exam timetables in February/March 2023.



# The Ripley Academy and Sixth Form

Executive Headteacher: **Mr Bell** BEd (Hons)



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Head of School: **Mr J de Rijk** BA (Hons)  
Deputy Headteacher: **Mrs J Thawley** BSc (Hons)  
Deputy Headteacher: **Mr M Kirkland** BSc (Hons)  
Assistant Headteacher: **Mr S Kingsland** BSc (Hons)

11<sup>th</sup> July 2022

Dear Year 10 student,

## Year 11 Preparation – Summer Home Study Workbook

As the start of Year 11 is fast approaching, and with less than **13 school weeks** until the next mock exams begin, we are working hard with you all to ensure you have the best support and guidance needed to succeed.

Previous examination results have been extremely positive and this was due to the commitment of your teachers in providing revision support sessions and the commitment of students to their revision and exam preparation. In order to provide extra support to year 11, the school runs revision classes which are open to all year 11s with the aim of best preparing you for your exams. These sessions take place every day after school and focus on topics needing further study as well as effective exam techniques. However, they in no way replace the focus and commitment that must be maintained in every lesson and during personal study at home. Only by challenging yourself in every lesson and then consolidating and actively practising at home will you reach your full potential.

To help make this happen, teachers have provided a series of subject specific tasks which are collated in this workbook and should be completed over the Summer holiday. Spare copies have been emailed to your school email account and are available on ShowMyHomework. These tasks have been created to allow you to develop the vital skills you will need to successfully prepare for your examinations, such as effectively answering extended writing style questions, which often carry high marks.

On behalf of all of the staff at The Ripley Academy, I would like to wish you a relaxing and productive summer.

Yours faithfully

Mrs E Saccaggi  
Head of Year 10

**The Ripley Academy, Peasehill, Ripley, Derbyshire, DE5 3JQ**



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# 2022 / 2023 School Dates

August 2022							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
31	1	2	3	4	5	6	7
32	8	9	10	11	12	13	14
33	15	16	17	18	19	20	21
34	22	23	24	25	26	27	28
35	29	30	31				
36							

September 2022							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
35				1	2	3	4
36	5	6	7	8	9	10	11
37	12	13	14	15	16	17	18
38	19	20	21	22	23	24	25
39	26	27	28	29	30		
40							

October 2022							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
39						1	2
40	3	4	5	6	7	8	9
41	10	11	12	13	14	15	16
42	17	18	19	20	21	22	23
43	24	25	26	27	28	29	30
44	31						

November 2022							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
44		1	2	3	4	5	6
45	7	8	9	10	11	12	13
46	14	15	16	17	18	19	20
47	21	22	23	24	25	26	27
48	28	29	30				
49							

December 2022							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
48				1	2	3	4
49	5	6	7	8	9	10	11
50	12	13	14	15	16	17	18
51	19	20	21	22	23	24	25
52	26	27	28	29	30	31	
53							

January 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
52							1
1	2	3	4	5	6	7	8
2	9	10	11	12	13	14	15
3	16	17	18	19	20	21	22
4	23	24	25	26	27	28	29
5	30	31					

February 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
5			1	2	3	4	5
6	6	7	8	9	10	11	12
7	13	14	15	16	17	18	19
8	20	21	22	23	24	25	26
9	27	28					
10							

March 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
9			1	2	3	4	5
10	6	7	8	9	10	11	12
11	13	14	15	16	17	18	19
12	20	21	22	23	24	25	26
13	27	28	29	30	31		
14							

April 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
13						1	2
14	3	4	5	6	7	8	9
15	10	11	12	13	14	15	16
16	17	18	19	20	21	22	23
17	24	25	26	27	28	29	30
18							

May 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
18	1	2	3	4	5	6	7
19	8	9	10	11	12	13	14
20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	28
22	29	30	31				
23							

June 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
22				1	2	3	4
23	5	6	7	8	9	10	11
24	12	13	14	15	16	17	18
25	19	20	21	22	23	24	25
26	26	27	28	29	30		
27							

July 2023							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
25						1	2
26	3	4	5	6	7	8	9
27	10	11	12	13	14	15	16
28	17	18	19	20	21	22	23
29	24	25	26	27	28	29	30
30	31						
31							

If you require more information about any subjects or exams, please speak with the following staff:

Head of Year 11

Head of Sixth Form

Deputy Headteacher

Deputy Headteacher

Assistant Headteacher

Head of School

Mrs Saccaggi

Mrs Taylor

Mrs Thawley

Mr Kirkland

Mr Kingsland

Mr De Rijk



THE RIPLEY ACADEMY



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## Content List

ID	Subject
1	English
2	Mathematics
3	Science (Core and Triple)

4	Art
5	Business & Economics
6	Computer Science
7	Drama
8	Food Preparation
9	Geography
10	Health and Social care
11	History
12	Photography
13	Physical Education (GCSE)
14	Product Design & Technology
15	Psychology
16	Religious Education
17	Spanish
18	3D Design

You only need to complete the work for the subjects you study.

This booklet can also be found on your school email and on SMHW.

Striving for success without hard work is like trying to harvest where you haven't planted.

David Bly

"The future belongs to those who prepare for it today."

—Malcolm X





Subject	ENGLISH
Revision & support websites	<ul style="list-style-type: none"><li>• <b>Mr Bruff (YouTube)</b> <a href="https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w">https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w</a></li><li>• <b>Seneca Learning</b> (focus on literature texts of <i>An Inspector Calls</i>, <i>Macbeth</i>, <i>Power</i> and <i>Conflict Poetry</i> and <i>A Christmas Carol</i>). <a href="https://senecalearning.com/en-GB/blog/gcse-english-literature-revision/">https://senecalearning.com/en-GB/blog/gcse-english-literature-revision/</a></li><li>• <b>GCSE Bitesize</b> <a href="https://www.bbc.co.uk/bitesize/examspecs/zxqncwx">https://www.bbc.co.uk/bitesize/examspecs/zxqncwx</a></li><li>• <b>Past paper questions from AQA</b> <a href="https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702/assessment-resources?f.Sub-category%7CF=Sample+papers+and+mark+schemes">https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702/assessment-resources?f.Sub-category%7CF=Sample+papers+and+mark+schemes</a></li></ul>

Summer Y11 preparation tasks overview



The Ripley Academy & Sixth Form – English

To ensure you are prepared for September and the demands of your final GCSE year, we have put together some resources to help you feel confident and assured in your approach to your GCSE English examinations. The English pack that you have received contains all the activities to support you.

**Literature Paper 1:** 1 hour 45 minutes

- Macbeth – 34 marks (4 for SPaG)
- A Christmas Carol – 30 marks

*Paper total: 64 marks, 40% of GCSE*

**Literature Paper 2:** 2 hours 15 minutes

- Power and Conflict Poetry – 30 marks
- Unseen poetry – One comparative 8 mark question, one 24 mark question
- An Inspector Calls – 34 marks (4 for SPaG)

*Paper total: 96 marks, 60% of GCSE*

Included in the English booklet:

- Quotation Revision
- Exam Questions
- WAGOLLS

Additional challenge

- **Create a summer holiday revision timetable.**
- **Explode the quotations on your revision cards to develop your analysis of language and structure, alongside developing more sophisticated interpretations.**





Subject	MATHS
Revision & support websites	<ul style="list-style-type: none"><li>• <b>Corbett Maths</b> <a href="http://www.corbettmaths.com">www.corbettmaths.com</a></li><li>• <b>Dr Frost Maths</b> <a href="http://www.dr frostmaths.com">www.dr frostmaths.com</a></li><li>• <b>MyMaths</b> <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a></li><li>• <b>Pinpoint learning</b> <a href="http://www.pinpointlearning.co.uk">www.pinpointlearning.co.uk</a></li><li>• <b>Eedi</b> <a href="https://app.eedi.com/login">https://app.eedi.com/login</a></li></ul>

Summer Y11 preparation tasks overview



The Ripley Academy & Sixth Form – Maths

To help you get ready for September and ensure you start Year 11 feeling confident and able to remember content for your Maths GCSE, the Maths Department recommend you complete the following work.

**1) Pinpoint Learning Booklet Paper 2/Paper 5**

You will have been given your Pinpoint Learning booklet from your Paper 2/5 (non-calculator) mock exam. Use this to complete revision focused on the topics you need to work on. You can fill in the paper booklet, and when you are not sure about a topic watch the videos that are linked by logging onto Pinpoint Learning. All your log in details are on the front of the booklet. The worked solutions are also available online which mean you can check whether you're getting the questions right.

Bring this booklet back into school in September so your teacher can see what you still need support on.

**2) Corbett Maths 5-a-day**

If you are looking for some additional daily maths then the Corbett Maths 5-a-day questions are really useful. The answers are available online and you can pick the level that fits with your current/target grade.

[5-a-day GCSE 9-1 – Corbettmaths](http://www.corbettmaths.com)

Have a lovely summer!

The Maths Department

Additional challenge

**\* Create a summer holiday revision timetable for Maths to revisit year 10 topics.**

All maths revision is good revision, so if you have an additional plan for your maths revision over the summer break that's great. It would be brilliant if you let your teacher know what you've been working on as we always want to know what you've been up to and what we can do to support you further.



Subject	SCIENCE
Revision & support websites	<ul style="list-style-type: none"><li>CGP revision guide (Combined Sciences or 3 x Separate Sciences)</li><li><a href="https://www.bbc.co.uk/bitesize/examspecs/z8r997h">https://www.bbc.co.uk/bitesize/examspecs/z8r997h</a></li><li><a href="https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw">https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw</a></li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Science

To help you get ready for September and ensure you start Year 11 feeling confident and able to remember content for your Science GCSE, the Science Department recommend you complete the following work. When we return in September, you will have just one week of revision in lessons before your first Year 11 mock exams therefore it is important you prepare for these over the summer.

### **Combined Sciences (Sets 1 – 4)**

Set 1 to 4 will do a Biology, Chemistry and Physics Paper 1 exam.

**Task 1** - Complete mind maps for each of the following topics and answer the questions from the pages of the revision guide. Answers are found at the back of the revision guide.

*Biology* - Cell Biology, Organisation, Infection and Response, Bioenergetics. Revision guide pages: 11-57.

*Chemistry* - Atomic Structure and the Periodic Table, Bonding, structure and Properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes. Revision guide pages: 96-149.

*Physics* - Energy, Electricity, Particle Models of Matter, Atomic Structure & Radiation. Revision guide page: 167-200.

**Task 2** - To support your revision, attempt the practice exam questions uploaded to Satchel One (SMHW). There are 4 sets of questions for each of the sciences focussing on the topics above. You should complete **a minimum** of 2 sets from each science (6 sets in total). Pick the ones that you feel would be most beneficial to you.

### **Separate Sciences**

The Separate Science group will sit a GCSE Biology, Chemistry and Physics Paper 1 exam.

**Task 1** - Complete mind maps for each of the following topics and answer the questions from the pages of the revision guide. Answers are found at the back of the revision guide.

*Biology* - Cell Biology, Organisation, Infection and Response, Bioenergetics.

*Chemistry* - Atomic Structure and the Periodic Table, Bonding, structure and Properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes.

*Physics* - Energy, Electricity, Particle Models of Matter, Atomic Structure & Radiation.

**Task 2** - To support your revision, attempt the practice exam questions uploaded to Satchel One (SMHW). There are 4 sets of questions for each of the sciences focussing on the topics above. You should complete **a minimum** of 2 sets from each science (6 sets in total). Pick the ones that you feel would be most beneficial to you.



Subject	ART
Revision & support websites	<ul style="list-style-type: none"><li>Homework guide including examples (On Show My Homework)</li><li><a href="https://www.bbc.co.uk/bitesize/guides/zc7mng8/revision/1">https://www.bbc.co.uk/bitesize/guides/zc7mng8/revision/1</a></li><li><a href="https://www.bbc.com/education/guides/z27nqhv/revision/3">https://www.bbc.com/education/guides/z27nqhv/revision/3</a></li></ul>

Summer Y11 preparation tasks overview



The Ripley Academy & Sixth Form – Art

**Project Development – Man Made**

**Step 1**

Select one of the photos you have taken for your project and complete an observational study of this on A4 paper. Please take your time to draw your image out accurately and in proportion. Please use a 4B pencil if possible to add a gradient of tone to your work.

**Step 2**

Select a different image and complete a study using a different media. For example, this could be coloured pencil, watercolour, pen or acrylic paint.

**Step 3**

Please ensure all of your work is complete and up to date ready for returning in September.

- Mood Board
- Mind Map
- Artist Research Page
- Observational Studies

**Helpful website to you find relevant artists, inspiration and imagery to support you with your work:**

TATE.com

saatchigallery.com

vam.ac.uk

Pinterest

Additional challenge

**Mixed Material Creative Composition**

- Create a concertina booklet of studies using a range of different media, similar to the example below.







Subject	BUSINESS
Revision & support websites	<ul style="list-style-type: none"><li>• <a href="http://www.senecalearning.com">www.senecalearning.com</a></li><li>• <a href="http://www.bbc.co.uk/bitesize">www.bbc.co.uk/bitesize</a></li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Business

Finance is really important to Business and each Business must monitor closely its financial performance. Failing to monitor finances within a Business can cause some Businesses to close down. This Task will develop your understanding of the Cash flow document and also the calculations that you are expected to remember as they are not provided in the Exam.

### **Task 1- Financial Documents and Calculations**

You are required to learn and understand several financial calculations. Create a revision resource for each calculation and then these will be used by you to revise.

- Revenue
- Total Costs
- Profit
- Average Unit Cost
- Average Rate of Return (ARR)
- Gross Profit
- Gross Profit Margin
- Net Profit
- Net Profit Margin

### **Task 2 - Case Study “Kimmi’s Garage”**

On the next page, students should read the information carefully including the cash flow and answer the questions 1-4.



Subject

BUSINESS

## Case study



### Kimmi's Garage

Kimmi owns and manages a garage repairing and servicing cars. Kimmi has just agreed to buy her supplies from a different company. Its prices are low, but payment has to be made when placing an order. Her previous supplier allowed her two months to pay. Kimmi allows her customers one month to pay their bills.

Although the business had been successful in the past, she is worried about the business's future, especially its cash flow. The figures in her latest cash flow forecast are worrying. Kimmi is an experienced car mechanic, but knows relatively little about finance. She is not sure what to do.

- 1 Complete the following figures on Kimmi's cash flow forecast:

(a) the net cash flow for February

(b) the closing balance for April.

(2 marks)

- 2 Explain why Kimmi might have been worried by the figures in her cash flow forecast.

(4 marks)

- 3 Analyse factors that might have caused the cash flow problems for Kimmi's business.

(6 marks)

- 4 Kimmi's business is forecast to suffer cash flow problems during the next four months. Recommend whether she should reschedule her payments or take out an overdraft. Give reasons for your advice.

(9 marks)

	January	February	March	April
Cash inflows				
Sales revenue	3,500	4,250	3,950	3,750
<b>Total cash inflow</b>	<b>3,500</b>	<b>4,250</b>	<b>3,950</b>	<b>3,750</b>
Cash outflows				
Wages	1,500	1,800	1,800	2,000
Interest on bank loan	450	450	450	450
Purchase of materials	1,500	1,400	1,200	1,300
Telephone and heating	350	150	150	160
Advertising	900	600	300	300
<b>Total outflow</b>	<b>4,700</b>	<b>4,400</b>	<b>3,900</b>	<b>4,210</b>
<b>Net cash flow</b>	<b>(1,200)</b>	<b>?</b>	<b>50</b>	<b>(460)</b>
<b>Opening balance</b>	<b>245</b>	<b>(955)</b>	<b>(1,105)</b>	<b>(1,055)</b>
<b>Closing balance</b>	<b>(955)</b>	<b>(1,105)</b>	<b>(1,055)</b>	<b>?</b>

Table 6.4 Kimmi's cash flow forecast



Subject	COMPUTER SCIENCE
Revision & support websites	<ul style="list-style-type: none"><li><a href="http://www.senecalearning.com">www.senecalearning.com</a> (class code – from Mr Hudson)</li><li><a href="http://www.educake.co.uk">www.educake.co.uk</a></li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Computer Science

To help you get ready for September and ensure you start Year 11 feeling confident and able to remember content for your Computer Science GCSE, I recommend you complete the following tasks. Maybe one a week.

Task 1	Create a Motherboard. You know that the fundamental core of Computer Science is understanding the hardware inside the machine. I would like you to create a model of the Motherboard from materials found in your house. This is a very arts and craft activity with a revision purpose. Be sure to add an explanation (maybe a lift flap or label) which outline the main purpose of the CPU, RAM, Hard Drive, ROM and connection buses.
Task 2	Little Man Computer is an excellent tool for reinforcing your knowledge of the Fetch Decode Execute cycle. Create a program that takes in 3 inputs and adds them together, outputting the answer. For a more difficult challenge, have the program output the larger of the 3 inputted numbers ( <a href="https://peterhigginson.co.uk/lmc/">https://peterhigginson.co.uk/lmc/</a> ).
Task 3	Inside the CPU is the ALU. Its job is to perform the mathematical and logical calculations. One of its jobs is to process binary numbers. I would like you for task 3 to create a binary convertor in Python. You are to code a program that takes in an 8-bit binary number and outputs the denary value. IE 00010100 would output 20. Can you get it to take in a denary number and output the 8-bit binary?
Task 4	So how does the ALU actually carry out these tasks. Remember it is just a series of logic circuits. Microscopic circuits. Can you create one of these circuits using the logic gates. Your next task is to create the following circuits using the website <a href="http://logic.ly">logic.ly</a> . $Q = (A \vee B)$ $Q = (A \vee B) \wedge \neg(C)$ $Q = (A \vee B) \wedge (\neg(C) \wedge D)$
Task 5	It's not just numbers that the CPU can represent. Binary Data can represent images, text, videos and sound. Your final task is to do one of the following. Either program (using python) a data representation calculator that will tell the user the file size of an image when the width and height in pixels is given and the bit depth (remember to add 5% for meta data). Or you can opt to create a poster that informs a student who is about to study GCSE about how a computer represents text, images and sound (think pixels, binary, colour, samples, ascii and Unicode).

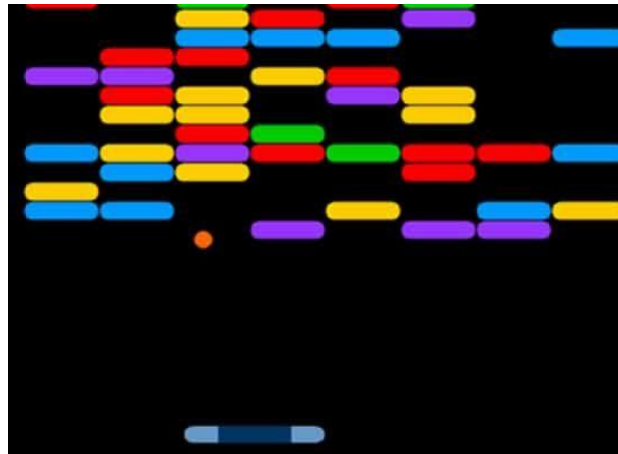


**Subject**

**COMPUTER SCIENCE**

Additional challenge

Although this may seem more of a KS3 challenge, the below idea will really get your logical thinking skills going. It is a bit of fun but most important it will stimulate all areas of computational thinking. Your challenge is to create the game “break out” in scratch. Research the game and attempt to create it. Feel free to adjust the game as you go and implement further developments to improve the original concept of the game.





Subject & Class	DRAMA
Revision & support websites	<ol style="list-style-type: none"><li>1. <a href="https://www.youtube.com/results?search_query=dna+dennis+kelly+revision">https://www.youtube.com/results?search_query=dna+dennis+kelly+revision</a></li><li>2. <a href="https://www.bbc.co.uk/bitesize/examspecs/zkvm2sg">https://www.bbc.co.uk/bitesize/examspecs/zkvm2sg</a></li><li>3. <a href="https://www.youtube.com/watch?v=RKh3T9A4uBE&amp;safe=true">https://www.youtube.com/watch?v=RKh3T9A4uBE&amp;safe=true</a></li></ol>

Summer Y11 preparation tasks overview



The Ripley Academy & Sixth Form – Drama

- Use the above links to revise for Component 3 of the exam. The third link is a performance of DNA which was performed by Genesis Theatre Company.
- Read the play DNA – make sure you understand what happens in the play. You will be tested on this when you come back. This will be on SMHW for you!
- Answer the following questions which will help with your understanding of how to structure your responses in the exam.

Please read the extract on pages 20-23

**There are specific choices in this extract for performers**

- i) You are going to play Mark. Explain **TWO** ways you would use **vocal skills** to play this character in this extract (4)
- ii) You are going to play Jan. There is a sense of panic at this point of the play. As a performer, give **THREE** suggestions of how you would use **performance skills** to convey her panic in this extract (6)

**There are choices in this extract for a director**

- i) As a director, discuss how you would use **one** of the **production elements** below to bring this extract to life for your audience. Choose **one** of the following: (9)
  - Costume
  - Staging
  - Props/Furniture



Subject	FOOD PREPARATION & NUTRITION
Revision & support websites	<ul style="list-style-type: none"><li>• <a href="https://www.gov.uk/government/publications/the-eatwell-guide">https://www.gov.uk/government/publications/the-eatwell-guide</a></li><li>• <a href="http://www.nhs.uk/Livewell/goodfood/Pages/the-eatwell-guide.aspx">www.nhs.uk/Livewell/goodfood/Pages/the-eatwell-guide.aspx</a></li><li>• <a href="http://www.foodafactoflife.org.uk">www.foodafactoflife.org.uk</a></li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Food Preparation & Nutrition

You must research healthy eating guidelines. Ensure you know the rules and how to achieve them in your daily diet. Write a report on how you should achieve this in your diet. (500 words)

Create a PowerPoint or similar on **all the** macronutrients and micronutrients.

- List what they are
- Food sources
- Functions in the body
- Effects of excess or deficiency's

**Suggested websites:**

<https://www.gov.uk/government/publications/the-eatwell-guide>

[www.nhs.uk/Livewell/goodfood/Pages/the-eatwell-guide.aspx](http://www.nhs.uk/Livewell/goodfood/Pages/the-eatwell-guide.aspx)

[www.foodafactoflife.org.uk](http://www.foodafactoflife.org.uk)

Due in : First Week Back in September or LBishop@ripleyacademy.org

Additional challenge

- **Create revision cards for each of the topics covered in Year 10.**





Subject	GEOGRAPHY
Revision & support websites	<ul style="list-style-type: none"><li><a href="https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc">https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc</a></li><li><a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a></li><li>Own Geography exercise books.</li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Geography

To help you get ready for September and ensure you start Year 11 feeling confident and able to remember content for your Geography GCSE, the GEOGRAPHY Department recommend you complete the following work.

**Complete two short tasks a week using the document on Show My Homework called Geography Summer Pack 2022.**

Each week there are 2 activities. These are recalling work that has been covered during the academic year. Some revision activities and some GCSE exam style questions. There are 2 more documents on Show My Homework called 'Case study A5 booklet information' and 'Case Study Practice' booklet. Please refer to these when indicated to. The last week of the summer break devise your own list of topics you need to focus on and follow the instructions on what to do.

Additional challenge

In addition to the work provided on SMHW look back at all your GCSE work. List all the topics. RAG rate them RED = don't understand. ORANGE = okay understanding. GREEN = do understand.

For any red/orange topics – type up your own list of what you need to revise. Revise these topics using the resources sited at the top of this page.



Subject	HEALTH AND SOCIAL CARE
Revision & support websites	<ol style="list-style-type: none"><li>1. <a href="https://www.jobs.nhs.uk/">https://www.jobs.nhs.uk/</a></li><li>2. <a href="https://www.nhsemployers.org/pay-pensions-and-reward/job-evaluation/national-job-profiles">https://www.nhsemployers.org/pay-pensions-and-reward/job-evaluation/national-job-profiles</a></li><li>3. <a href="https://www.healthcareers.nhs.uk/explore-roles">https://www.healthcareers.nhs.uk/explore-roles</a></li><li>4. <a href="https://nationalcareers.service.gov.uk/job-categories/social-care">https://nationalcareers.service.gov.uk/job-categories/social-care</a></li><li>5. <a href="https://www.healthcareers.nhs.uk/explore-roles/wider-healthcare-team/roles-wider-healthcare-team/clinical-supportstaff/social-worker">https://www.healthcareers.nhs.uk/explore-roles/wider-healthcare-team/roles-wider-healthcare-team/clinical-supportstaff/social-worker</a> <a href="https://www.bbc.com/education/guides/z27nqhv/revision/3">https://www.bbc.com/education/guides/z27nqhv/revision/3</a></li></ol>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Health and Social Care

### **Making upgrades to Component 1 Task 2:**

Using the feedback provided at the end of last term, make upgrades to your assignment task in preparation for the final deadline in September. Resources to help you with this can be found in the feedback given and on Microsoft teams (textbook pages etc)

### **Preparation for Component 2 Task 2:**

Research what a care value is and outline (either in bullet point format or in a poster) what effective communication looks like (e.g., keeping eye contact) and what poor communication looks like.

### **Careers in HSC:**

Take this quiz to find out which career you would suit in the NHS:

<https://www.healthcareers.nhs.uk/findyourcareer>

### Additional challenge

Go to the Pearson Edexcel website and download the specification for the BTEC Tech Award in Health and Social Care and have a look at the content for Component 3 Health and Wellbeing. RAG rate the specification content and conduct your own personal research on any RED areas in preparation for Y11.

PLEASE NOTE: I am keen for you all to have some time off this summer. YOU DO NOT NEED TO COMPLETE ALL OF THE TASKS. I am providing a range of resources and tasks but you are free to make choices as to what to work with.

Have a good summer.

Miss Rokita - [erokita@ripleyacademy.org](mailto:erokita@ripleyacademy.org)



## The Ripley Academy & Sixth Form

### Year 11 Summer Preparation Pack

**"Before anything else, preparation is the key to success"** Alexander Graham Bell

Subject	HISTORY
Revision & support websites	<ul style="list-style-type: none"><li><b>BBC Bitesize GCSE History</b> (Weimar and Nazi Germany) <a href="#">Germany - GCSE History Revision - Edexcel - BBC Bitesize</a></li><li><b>Seneca Learning</b> (Weimar and Nazi Germany) <a href="#">Seneca - Learn 2x Faster (senecalearning.com)</a></li><li><b>Your own notes!</b></li></ul>

#### Summer Y11 preparation tasks overview



### The Ripley Academy & Sixth Form – History

To help you get ready for September (you will have an assessment on this topic!) and ensure you start Year 11 feeling confident about your knowledge of Weimar Germany, I recommend you complete the following work.

- Design mnemonics to remember key facts about Weimar Germany 1918-28. For example; 'TREATY' could summarise the Treaty of Versailles – Terms were unfair / Reparations / Economy affected / Anschluss with Austria / Territory lost / Y Why so harsh? (I'm sure you can do better than me!) You could write this one down as a starting point, then write a sentence summarising each part of the mnemonic. Try to come up with 3 more mnemonics yourself in the same way.
- Go back and look at section 1 'Weimar Germany' using your notes and/or BBC Bitesize / Seneca websites. Create revision notes for the following topics of no more than one side of A4; a) After WWI b) Early challenges to the new Republic c) Treaty of Versailles d) Hyperinflation
- Also, revise 'The Recovery of the Weimar Republic' – again, you can use your notes and/or BBC Bitesize / Seneca websites. Create revision notes for the following topics of no more than one side of A4; a) The Rentenmark b) The Dawes Plan c) The Young Plan d) Foreign relations improving e.g. Kellogg-Briand Pact or Locarno Treaty

#### Additional challenge

##### Complete the exam question:

*Explain why there were economic problems in the Weimar Republic from 1919 to 1923 (12 marks)*

You may use the following in your answer: - reparations - French occupation of the Ruhr.

You must also use information of your own.



Subject & Class	PHOTOGRAPHY
Revision & support websites	<ul style="list-style-type: none"><li><a href="#">GCSE Art and Design - BBC Bitesize</a></li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Photography

You need to research **One Photographer/Artist related to your theme**, using the following information.

**Research the photographer’s background**; include where and when they lived, born/died, their family background and childhood, education, working life and any other key moments.

**Artist Techniques**; What media did they use, what is the main style and characteristics of their work. What or who influenced their work?

**Photographers Work**; Analyse a piece of work, include an image. Write about the following,

1. What can you see in the artwork?
2. What techniques have been used to create the image?
3. How has the medium been used?
4. What is your impression of the work?
5. How does it make you feel?

Additional challenge

Take a range of photographs in the style of one of your researched photographers. Present the work in PowerPoint and explain how your work links to the research you have carried out.



## The Ripley Academy & Sixth Form

### Year 11 Summer Preparation Pack

**"Before anything else, preparation is the key to success"** Alexander Graham Bell

Subject	GCSE PHYSICAL EDUCATION
Revision & support websites	<ul style="list-style-type: none"><li><a href="#">Structure of the skeletal system - Skeletal system - AQA - GCSE Physical Education Revision - AQA - BBC Bitesize</a></li><li><a href="#">Voluntary muscles involved in human movement - Muscular system - AQA - GCSE Physical Education Revision - AQA - BBC Bitesize</a></li></ul>

#### Summer Y11 preparation tasks overview



### The Ripley Academy & Sixth Form – GCSE PE

On our return in Y11 we will be studying the body systems:

- Skeletal system
- Muscular system
- Cardiovascular system
- Respiratory system.

In preparation for this I would like you to research the SKELTAL and MUSCULAR systems and produce a piece of extended writing.

Use the templates provided as a guide for the info to use - THESE CAN BE FOUND ON SMHW.

The pieces of work will need to be brought into school on our return in September.

#### Additional challenge

The templates include..... YOU MUST      YOU SHOULD      YOU COULD

Everyone needs to complete YOU MUST.

Grade 5+ needs to complete YOU MUST & YOU SHOULD.

Grade 6^ needs to complete YOU MUST, YOU SHOULD & YOU COULD.



## The Ripley Academy & Sixth Form

### Year 11 Summer Preparation Pack

**"Before anything else, preparation is the key to success"** Alexander Graham Bell

Subject	DESIGN & TECHNOLOGY
Revision & support websites	<ul style="list-style-type: none"><li>Seneca Learning</li><li>BBC Bite Size</li><li>TechnologyStudent.com</li></ul>

#### Summer Y11 preparation tasks overview



### The Ripley Academy & Sixth Form – Design and Technology

To help you get ready for September and ensure you start Year 11 feeling confident and able to remember content for your Design and Technology GCSE, we recommend you complete the following work. The task is in one unit which will be in your exam

**Class code: djcjiz15fz**

**Link - <https://app.senecalearning.com/dashboard/class/djcjiz15fz/assignments/assignment/e6453006-186e-43b8-a148-367dd10ea88d>**

**Assignment Name:** New & Emerging Technologies

On Seneca there is a task, which is a unit looking at new and emerging technologies; Industry, Enterprise, Sustainability, People, Culture & Society, Environment, Production Techniques & Systems, and Emerging Technologies & Design. The assignment has an end of unit test which needs completing too.

#### Additional challenge

Describe the following Manufacturing terms;

1. What is Flexible Manufacturing Systems (FMS)?
2. What is meant by Lean Manufacturing?
3. What are the advantages and disadvantages of 'Just in Time' (JIT) manufacture?

With each one give a company example and a product.





Subject	PSYCHOLOGY
Revision & support websites	<ol style="list-style-type: none"><li>1. <a href="https://www.ocr.org.uk/qualifications/gcse/psychology-j203-from-2017/">https://www.ocr.org.uk/qualifications/gcse/psychology-j203-from-2017/</a></li><li>2. <a href="https://tuxfordpsychology91.wordpress.com/welcome-to-gcse-psychology-9-1/">https://tuxfordpsychology91.wordpress.com/welcome-to-gcse-psychology-9-1/</a></li><li>3. <a href="https://www.brainfacts.org">https://www.brainfacts.org</a></li></ol>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – Psychology

### Task 1 – Research Methods

- Create a spider diagram of all the research methods below and two strengths and weakness of each – bonus points for including images!
  - ✓ Laboratory experiments, field experiments, natural experiments, case study, Observations (covert/overt, naturalistic/controlled, participant, nonparticipant), self reports (interviews and questionnaires) and correlations.

### Task 2 – Neuropsychology

- Get an image of a brain or draw a brain yourself.
- Research and identify WHERE the following brain parts are but also THEIR FUNCTION (what are they in charge of?):
  - ✓ Hippocampus, prefrontal cortex, auditory cortex, cerebellum, frontal lobe, hypothalamus, superchiasmatic nucleus, pineal gland

Additional challenge

In Year 11, we'll be looking at the following topics – can you do some reading around these topics:

- Psychological problems (focus on depression and schizophrenia)
- Developmental psychology
- Criminal psychology

I hope you have a lovely summer.

Miss Rokita – [erokita@ripleyacademy.org](mailto:erokita@ripleyacademy.org)



Subject	RELIGIOUS EDUCATION
Revision & support websites	<u>Buddhism:</u> <a href="#">Buddhism - GCSE Religious Studies Revision - BBC Bitesize</a>  <u>Sacraments:</u> <a href="https://www.bbc.co.uk/bitesize/guides/zh4f3k7/revision/1">https://www.bbc.co.uk/bitesize/guides/zh4f3k7/revision/1</a>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – RE

In September we will be learning Buddhism – this topic is worth half an exam paper on its own and is also needed to apply to the themes. In preparation for this I would like you to find out about:

1. The Buddha’s life before he became the Buddha
2. The Buddha’s enlightenment
3. The key teachings of Buddhism

You should also ensure you know the meaning of these key terms:

- Enlightenment, Karma, Meditation, Reincarnation, Samsara.

As a revision task I would like you to answer the following 3 questions about these Christian sacraments:

- Holy Communion
- Baptism
- Marriage

1. The meaning behind each sacrament, how did it start?
2. How are these sacraments carried out today? (What do Christians do at these events, when do they happen?)
3. The symbolism used in each sacrament and their purpose (rings, vows, holy water, white dress, candles etc)

Additional challenge

Create a summer holiday revision timetable for RE to revisit year 10 topics. All RE revision is good revision, so if you have an additional plan for your RE revision over the summer break that’s great. It would be brilliant if you let your teacher know what you’ve been working on as we always want to know what you’ve been up to and what we can do to support you further.



Subject	SPANISH
Revision & support websites	<ul style="list-style-type: none"><li>AQA GCSE Spanish Grammar and Translation Workbook</li><li><a href="http://www.pearsonactivelearn.com">www.pearsonactivelearn.com</a> (Vocab and skills Revision)</li><li>GCSE Speaking Question Booklet</li></ul>

Summer Y11 preparation tasks overview



The Ripley Academy & Sixth Form – Spanish

- Use the translation section of the AQA GCSE Spanish Grammar and Translation Workbook to develop translation skills for the Reading and Writing papers. The exercises can be found between pages 100 and 123 and pupil have been provided with an answer book so they can track their progress.
- Once logged in to [www.pearsonactivelearn.com](http://www.pearsonactivelearn.com) pupils can navigate through the website library and complete a range of self-marking activities aimed at all the skill areas, grammar and vocab learning - see example below. Students should aim to cover at least Modules 1 to 5 in all skill areas, grammar and vocab tests.



- The GCSE Speaking booklet contains potential questions for the final speaking exam.
  - Students should ensure they can answer all questions briefly
  - Students should ensure they choose one topic area and develop longer answers to meet a minimum of their target grade criteria

Additional challenge

- To aim for the higher grades, it is important to include the translation tasks marked with 'H' and work at getting them right.
- On the website, resources marked 'Higher' will develop skills, grammar and vocab aimed at the top-level grades.
- In the speaking booklet pupils should ensure they have extended answers for the grade criteria studied in class relevant to the higher grades.
- Log in to SENECA and complete the advanced tenses area of revision before working on vocabulary areas of focus.
- Work through authentic literature a chunk at a time to work on challenging vocabulary and grammar – then re-read to ascertain details of story.
- Use dual language reader books to build vocabulary.



Subject	3D DESIGN
Revision & support websites	<ul style="list-style-type: none"><li>• Pinterest.</li></ul>

Summer Y11 preparation tasks overview



## The Ripley Academy & Sixth Form – 3D Design

You need to research **your 3<sup>rd</sup> designer** using the following information.

Try to research a designer that you find interesting and that fits into the ‘Fantastic & Strange’ theme.

Possible artists/designers:

**Catwalk Designers:**

Alexander mqueen

Iris van Herpen

Thom browne

Viktor & Rolf

Giles Deacon

Vivienne Westwood

Gareth Pugh

Ellen Mirojnick – Brigerton

Lou Eyrich – Freak Show

Tim Burton- Nightmare before

Christmas

Yinka Ilori- reclaimed

furniture and bold

architecture

Antoni Gaudi

Frank Gehry

Zaha Hadid

Rem Koolhaas

**Research the designer/artist’s background**; include where and when they lived, born/died, their family background and childhood, education, working life and any other key moments.

**Research their work**

What have they produced?

How has the designer/artist been inspired?

What is the style of their work?

Include examples of their work and describe what techniques, processes and materials have been used.

**Critical Analysis**; Analyse a piece of work, include an image. Write about the following,

6. What can you see in the image?
7. What techniques have been used to create the image?
8. Is there a meaning or mood that has been created?
9. What is your opinion of the work?
10. How does it make you feel?

Additional challenge

Create a sample or drawing based on the designer’s work. This could be a sketch, painting, sculpture, photograph, collage or made from fabric.



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HOME > SIXTH FORM > COURSES AVAILABLE TO STUDY IN THE SIXTH FORM

## Courses available to study in the Sixth Form

We have a full range of subjects within the Sixth Form, designed to help you achieve your aspirations. Please see our Taster activities to help you decide which subjects to study.

A Level Art and Design

A Level Biology

**IN THIS SECTION**

- BIOLOGY TASTER ACTIVITY
- BUSINESS TASTER ACTIVITY
- CHEMISTRY TASTER ACTIVITY
- DRAMA TASTER ACTIVITY
- FRENCH - INTRO TO CRITICAL THINKING

<https://www.ripleyacademy.org/page/?title=Courses+available+to+study+in+the+Sixth+Form&pid=55>



[www.apprenticeships.gov.uk/apprentices](http://www.apprenticeships.gov.uk/apprentices)

[www.careerpilot.org.uk/information/apprenticeships/finding-an-apprenticeship](http://www.careerpilot.org.uk/information/apprenticeships/finding-an-apprenticeship)

[www.gov.uk/apply-apprenticeship](http://www.gov.uk/apply-apprenticeship)



[www.ucas.com/careers/careers-quiz](http://www.ucas.com/careers/careers-quiz)

[www.startprofile.com](http://www.startprofile.com)

<https://nationalcareers.service.gov.uk/skills-assessment>

