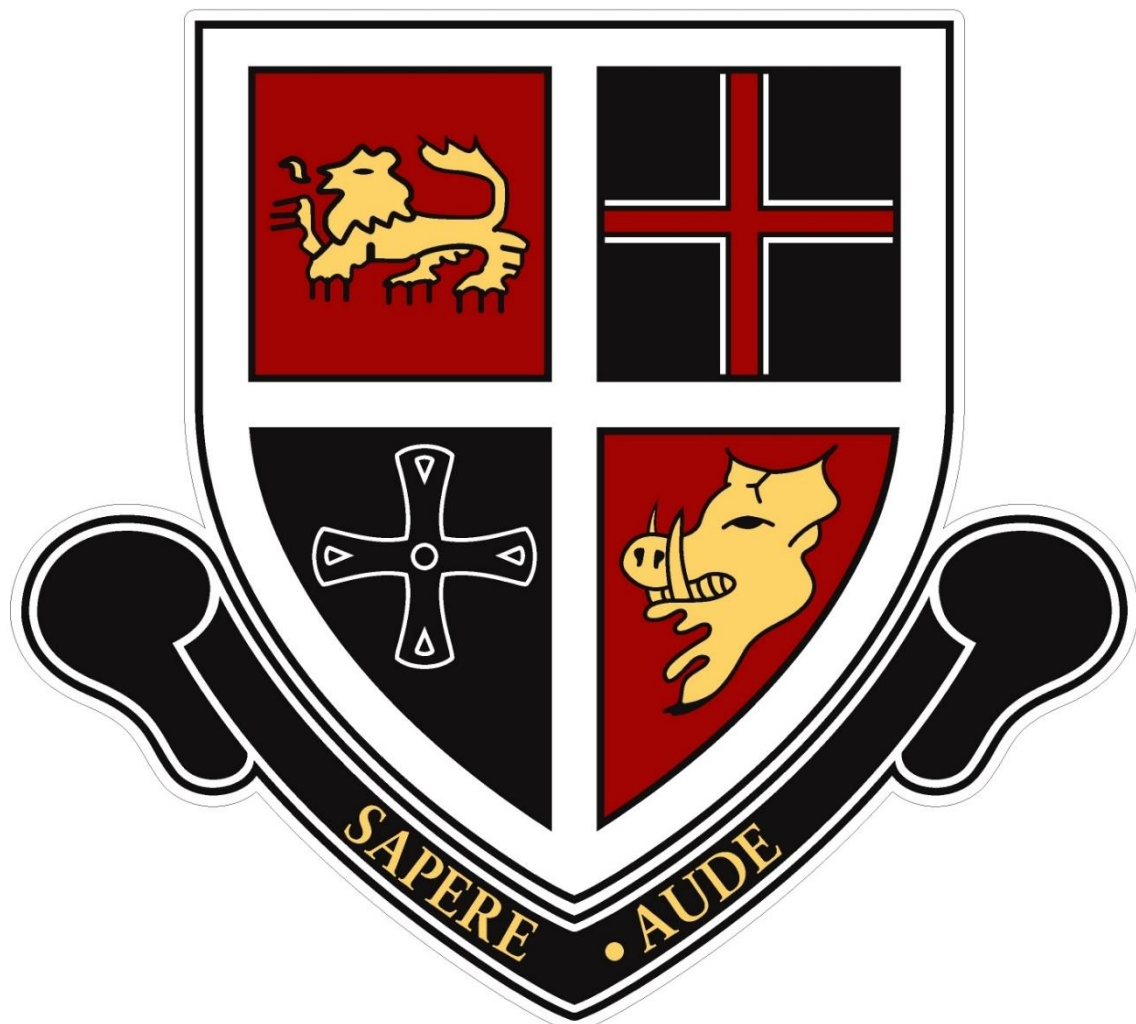


# Durham Johnston Comprehensive School

Subject Review  
*July 2020*



# Year 9

*This booklet is designed to help pupils - and their parents and carers - understand where they should be with their subject knowledge and skills at this point, and what they could do to ensure they are ready academically for next year.*

*Whilst all of this information is available via the Home Learning section of the website and the use of Microsoft Teams, we thought it would be helpful to compile it all in one place!*

### **Students:**

For each of your subjects, tick the things you have completed. If there are any gaps, you could complete it over the summer. You will be able to log into Teams or access the school website to find the work. This will help you to be in the best possible position when you return to school.

If you have managed to stay on top of all of your work – well done! This has been a really challenging time for everybody, and you should be proud of yourself.

There are some suggestions of things you might like to do to go even further with each subject, but this is optional.

Finally, have a think about what you would like to achieve or improve, and write yourself a target in the space provided. This could be a skill you want to improve, or subject knowledge you would like to acquire; think about where you would like to be for that subject this time next year!

Good targets are specific and measurable – what exactly do you want to do, and will you be able to see that you've achieved it? Here are some examples to give you some ideas:

- To improve in Music next year, the one thing I will do is **to listen to a wide range of music and be able to use specific music vocabulary to describe what I hear in as much detail as possible.**
  
- To improve in Geography next year, the one thing I will do is **to use case studies, facts and examples when answering questions to support my points in more detail.**

**You only need to complete the pages for subjects you will be continuing with next year – English, Maths, Science, RE, and your option choices.**

# Art

## What should I have covered in Home Learning?

Students who have opted for Art at GCSE should have:

Content	Have I done this?
Begun a Biomorphic project	
Been in contact with the Art Department via MS Teams	

Students could also be creating work using whatever students have access to - this may provide a future pathway for the GCSE course. For example, if a student is developing print making at home now, they could be able to develop this as their main activity once we return to school.

## How could I go further with this subject?

- Identify something you struggle with, for example perspective drawing, and aim to improve your skills by simply practising till you feel confident of something you currently struggle with.
- Try something new- select a material/process you have never used before and create something experimental. Keep doing this and you will find your creativity and confidence will grow.

**To improve in Art next year, the one thing I will do is...**

# Design Technology

## What should I have covered in Home Learning?

Content	Have I done this?
Completing the mini project 'Phone Holder'	
Completing the mini project 'Design Movements'	

### These projects will have helped you develop the following skills:

- Research into thermosetting plastics and thermo plastics.
- Research into plastic production methods.
- Research into modelling
- Research into design movements
- Design a range of products based on your research.
- Develop these ideas into more focused designs that are fit for use in the real world.
- Ability to Evaluate the strengths and weaknesses of your designs.
- Use user feedback to improve designs.

### How could I go further with this subject?

- If you are looking to extend your knowledge further in Design Technology, please complete the projects for year 10 based on the subject you have chosen. These are:
  - GCSE Engineering (Mechanical, Electrical & Mathematical)
  - Vocational Engineering (Design & Industry)
  - GCSE Design Technology
  - Vocational Construction

All the relevant information can be found in the Home Learning section of the school website.

**To improve in Design Technology next year, the one thing I will do is...**

# English

## What should I have covered in Home Learning?

Content	Have I done this?
Reading: Reading and summarising non-fiction texts.	
Reading: The Poetry of Simon Armitage and Carol Ann Duffy	
Writing: Writing to argue/persuade: Opinion Editorials	
Writing: Creative Writing (Recapping previous learning)	

### These Reading units have taught you to:

- Increase your confidence to read independently
- Explore the writers' purposes for writing and their messages
- Select precise evidence from a text
- Infer and interpret different layers of meaning in a text
- Analyse the word choices and methods used by writers and consider why the writers have chosen them
- Explain the relationship between a text and the context in which it was written

### These Writing units have taught you to:

- Develop creative, imaginative and engaging ideas
- Use a wide range of high-level vocabulary and methods in your writing including figurative and persuasive language
- Structure your writing carefully to engage the reader/audience
- Use a range of sentence types and punctuation for effect

### How could I go further with this subject?

- In Year 10, you are going to be studying an anthology of poetry which explore the themes of **Power** and **Conflict**.
- Your extension task is to read and research the poetry of one of the following poets and explore how their poems presents power and conflict: Percy Bysshe Shelley, William Blake, Imtiaz Dharker, John Agard and/or Alfred Lord Tennyson.

### To improve in English next year, the one thing I will do is...

# Food & Textiles

## What should I have covered in Home Learning?

You should have a knowledge of the following topics (as listed on Food and Textiles theory sheets)

Content	Have I done this?
Food: Safety & Hygiene	
Food: Yeast based doughs, Flour/ gluten	
Food: Dextrinization, Caramelisation, Nutrients/ deficiencies	
Textiles: Construction of fabric, Environmental impacts of products	
Textiles: Parts of the sewing machine, Common pattern markings, Production methods	
Textiles: Iterative Design	

## How could I go further with this subject?

- You could complete a selection of the enrichment task provided on the schools website.
- If you are looking to extend your knowledge or practical skills further in this subject please see the information provided for Year 10, which can be found in the Home Learning area of the school website.

**To improve in Food and Textiles next year, the one thing I will do is...**

# French

## What should I have covered in Home Learning?

	Content	Have I done this?
Work for Sets 1-2	Topics: Revision of New Technologies and Family topics	
	Topic: Opinions on music, TV and films.	
	Topic: Free-time activities in the past and future.	
	Grammar: Present tense of regular er/ir/re verbs and irregular verbs.	
	Grammar: Perfect tense of regular and irregular verbs and verbs which use être as the auxiliary verb.	
	Grammar: Future tense of regular and irregular verbs.	
Work for Sets 3-5	Topic: Describing self and others – physical and personality	
	Topic: Technology vocabulary	
	Topic: Free time activities (sports, TV, films, games, food)	
	Grammar: Present tense (all 3 verb groups –er/ir/re verbs)	
	Grammar: Perfect tense (past) (I played, I watched)	
	Grammar: Immediate future (I am going to...)	
	Grammar: Stating preferences (I like, I hate, I prefer)	
	Grammar: Adjectives (tall, small, colours etc)	
	Grammar: Adverbs of frequency (often, regularly etc)	

## How could I go further with this subject?

- Make sure you have learned the key vocabulary for the topics covered this year and that you understand the grammar and are able to apply the rules.
- In preparation for GCSE, test yourself, by seeing if you can speak for 2 to 3 minutes on any of the topics covered. Can you do this with notes and after practising a few times, can you do this without notes? Can you write a short piece (40 words) from notes on any of the topics covered? Can you do this with notes and then can you do this without notes?
- You might like to listen to some radio in the language or watch a film. ALL 4 is a free TV channel and has a good range of programmes in other languages. Netflix and Prime, if you have these, are also good. Enjoy your languages!

**To improve in French next year, the one thing I will do is...**

# Geography

## What should I have covered in Home Learning?

Pupils should be able to:

Content	Have I done this?
<b>Identify</b> the different indicators used to measure the development of a country and <b>assess</b> the strengths and weaknesses of each indicator.	
<b>Describe</b> the differences between more developed and less developed countries and <b>explain</b> why some countries are more developed than others.	
<b>Assess</b> the strengths and weaknesses of different strategies being used to help countries develop.	
<b>Describe</b> each layer of the Earth's interior, <b>explain</b> how plates move and what happens at each type of plate boundary.	
<b>Explain</b> how each natural hazard is caused (earthquake, tsunami, volcano and tropical storm), <b>describe</b> where they are located and <b>explain</b> why.	
<b>Describe</b> the social, economic and environmental impacts of and <b>evaluate</b> the short and long term responses to one case study of each type of natural hazard.	
<b>Locate</b> where the Middle East is, <b>describe</b> the human and physical geography of this region and <b>explain</b> the opportunities and challenges for people living in this region.	
<b>Locate</b> where Russia is, <b>describe</b> the human and physical geography of this region and <b>explain</b> why Russia is a powerful country.	
<b>Describe</b> what globalisation is, how it happened and <b>explain</b> the positive and negative impacts of globalisation on people and the environment.	
<b>Define</b> what a TNC or MNC is, <b>describe</b> where they are located in the world and <b>explain</b> the benefits and problems they bring to different countries.	

## How could I go further with this subject?

To help you prepare for the start of your GCSE Geography studies, we recommend the following activities:

- Visit the 'Urban Issues & Challenges' page on the 'Cool Geography' website:  
[www.coolgeography.co.uk/gcsen/urban\\_issues.php](http://www.coolgeography.co.uk/gcsen/urban_issues.php)  
 This is the first topic you will be studying at GCSE. Read through the information provided, watch the videos and have a think about the issues being raised. Write down any questions you have about this topic.
- Geographers are interested in the world around them and keep up to date with events happening in the news. Each week go to the BBC News website:
  - Read one article about a geographical issue happening in the world that week.
  - Summarise the key points in the article, write down one interesting fact from the article and one question it raises for you as a geographer and a global citizen.
  - Discuss what you have found out with a member of your household.

**To improve in Geography next year, the one thing I will do is...**



# German

## What should I have covered in Home Learning?

Content	Have I done this?
Topic: Health	
Topic: Weather	
Topic: Environment	
Topic: Jobs	
Grammar: Modal verbs	
Grammar: Tenses: present/ past/ future tenses	
Grammar: Conjunctions: in order to - um ... zu + infinitive, when/if = wenn	
Grammar: Comparative/ superlative	
Grammar: Negatives	
Grammar: Questions	
Grammar: Dative pronouns	
Grammar: Ago, since/ for in German: vor, seit	
Literature: a poem in German	

## How could I go further with this subject?

- Make sure you have learned the key vocabulary for the topics covered this year and that you understand the grammar and are able to apply the rules.
- In preparation for GCSE, test yourself, by seeing if you can speak for 2 to 3 minutes on any of the topics covered. Can you do this with notes and after practising a few times, can you do this without notes? Can you write a short piece (40 words) from notes on any of the topics covered? Can you do this with notes and then can you do this without notes?
- You might like to listen to some radio in the language or watch a film. ALL 4 is a free TV channel and has a good range of programmes in other languages. Netflix and Prime, if you have these, are also good. Enjoy your languages!

**To improve in German next year, the one thing I will do is...**

# History

## What should I have covered in Home Learning?

Students who have opted for History at GCSE should have:

Content	Have I done this?
Topic: Trench Warfare	
Topic: The Battles of Verdun and the Somme	
Topic: The Battle of Ypres and the end of the War	
Topic: The Armistice and the Treaty of Versailles	
Topic: The effects of the Treaty of Versailles and the Great Depression on Germany	
Topic: The Rise of the Nazis	
Topic: Nazi persecution of the Jewish population	
Topic: The causes of the Holocaust	
Topic: Who is to blame for the Holocaust?	
Quiz: The First World War	
Quiz: The Holocaust	
Essay Question: "The Holocaust was the result of a long term plan, and Hitler is to blame for the genocide. How far do you agree?"	

## How could I go further with this subject?

- Revise the lessons on the battles of the First World War and also the rise of the Nazis and their persecution of European Jews. These topics will be revisited in Year 10 in much more detail.
- In preparation for history next year, you could watch the following documentaries:
  - BBC Drama - Our World War
  - Auschwitz: The Nazis and the Final Solution (also on Netflix)
- Or read the following books in preparation for next year's topics:
  - Barbara Tuchman's The Guns of August
  - Jeremy Paxman's Great Britain's Great War
  - Richard J Evan's The Coming of the Third Reich
  - Art Spiegelman's Maus (a graphic novel about the Holocaust)

**To improve in History next year, the one thing I will do is...**

# IT & Computing

## What should I have covered in Home Learning?

Content	Have I done this?
Independent learner	
Collaborative learner/user (Email, Teams, Web and other forms of electronic communication)	
Logical thinking and problem solving	
Effective researcher (refine searches, check for bias and/or fake news)	
Ability to structure and refine relevant resources (images, text, video and sound)	
Able to use relevant subject specific vocabulary AND understand its meaning/purpose.	
Ask questions, prompts relevant discussions and responds to direct questioning, articulating themselves well, using subject specific vocabulary	
Depicts a clear sense of audience, purpose, house style and ethos when designing AND implementing	
Demonstrate software competency (Python, PowerPoint, HTML & Notepad, App Lab and the SERIF suite)	
Understands AND can discuss the issues related to ICT in the real world (use of technology and implications - including the social, moral & ethical issues related to the use of ICT)	

## How could I go further with this subject?

- For each of our three departmental strands, (**Business Studies, Computer Science, Creative iMedia**) please follow the "Y9 preparation for GCSE" documents, which can be found in the IT and Computing section of the Home Learning area of the school website.
- Each of these documents contains a number of links to resources you can use to extend your knowledge and prepare for GCSE study.

## To improve in IT & Computing next year, the one thing I will do is...

# Latin

## What should I have covered in Home Learning?

Content and tasks	Have I done this?
Read & made summary notes about the site at Aquae Sulis p14-19 & completed the tasks on Teams.	
Read & made summary notes about curse tablets p34-35 & completed the tasks on Teams.	
Read & made summary notes about Roman religion/divination p48-53 & completed the tasks on Teams.	
Working through the translation passages & exercises is crucial for keeping your translation skills polished & your vocabulary knowledge secure - the more Latin you read, the better... just don't go beyond p59 as we will start there in September	

*Do not worry about the new language topics (mainly to do with past participles) from St 21-23; we will deal with these at the start of Year 10.*

## How could I go further with this subject?

- Develop your understanding of Roman history & society - by reading or by watching documentaries. Anything to do with Roman Britain or Roman religion & beliefs will be especially useful, but a broad understanding of the Romans and their neighbours (e.g. Greece, Egypt, Persia...) will always help.

**To improve in Latin next year, the one thing I will do is...**

# Mandarin

## What should I have covered in Home Learning?

Content	Have I done this?
Topic: Routine, using time words and connectives	
Topic: Clothes, including prices and preferences	
Grammar: using Chinese Characters to write about all of the above	
Grammar: using the correct verbs for each topic	
Grammar: comparisons and adjectives	

## How could I go further with this subject?

- Make sure you have learned the key vocabulary for the topics covered this year and that you understand the grammar and are able to apply the rules.
- In preparation for GCSE, test yourself, by seeing if you can speak for 2 to 3 minutes on any of the topics covered. Can you do this with notes and after practising a few times, can you do this without notes? Can you write a short piece (40 words) from notes on any of the topics covered? Can you do this with notes and then can you do this without notes?
- You might like to listen to some radio in the language or watch a film. ALL 4 is a free TV channel and has a good range of programmes in other languages. Netflix and Prime, if you have these, are also good. Enjoy your languages!

**To improve in Mandarin next year, the one thing I will do is...**

# Maths

## What should I have covered in Home Learning?

Content and tasks	Have I done this?
Logged on and <b>completed weekly maths assignments</b> on Hegarty Maths <a href="https://hegartymaths.com/">https://hegartymaths.com/</a>	
<b>Watched the instructional video</b> for each assignment and <b>made notes</b> to help you on the quizzes and strengthen	
<b>Done working out</b> when completing your assignments	
<b>Read your teacher's feedback</b> to your assignments and comments by clicking on the little red bell icon	
<b>Asked for help when you were stuck</b> by leaving a comment in Hegarty Maths or messaging your teacher directly on Teams	
<b>Consolidated your school learning</b> on ratio and proportion	
<b>Consolidated your school learning</b> on scatter graphs	
<b>Consolidated your school learning</b> on averages	
<b>Consolidated your school learning</b> on probability	
<b>Gained knowledge</b> in angle calculations	
<b>Gained knowledge</b> in volume and surface area	
<b>Gained knowledge</b> in Pythagoras' Theorem	
<b>Gained knowledge</b> in similarity	

## How could I go further with this subject?

- Press the '**request more work**' button on Hegarty Maths
- **Complete the 'Summer Sums'** twelve topics on Hegarty Maths that review key ideas from across Year 7
- **Challenge yourself to a maths investigation from nrich:** <https://nrich.maths.org/9451>

**To improve in Maths next year, the one thing I will do is...**

# Music

## What should I have covered in Home Learning?

Content and tasks	Have I done this?
Elements of Music - a detailed understanding of these six terms. (Tempo, Timbre, Texture, Rhythm, Dynamics and Pitch)	
Listening skills - recognizing how the musical elements are used in a piece of music, and the relationship between them.	
Latin Rhythms: What are the main musical features of this style of music? How do the many Latin dance style differ musically from each other?	
Music Through Time: How has music changed over the last 500 years? What are the main musical periods? What are the main features of music within each period?	

## How could I go further with this subject?

**If you are taking GCSE Music in September then here are some things you could be doing over the summer break, in addition to completing the course preparation tasks in the 'GCSE 2020-22 Team'.**

- Set yourself a target for something you want to achieve on your instrument – learn a new piece, look at the scales for the next grade, work on your sight-reading?
- Keep working through the ABRSM Theory in Practice workbooks – answer books are also available so that you can mark your own work as you go.

**To improve in Music next year, the one thing I will do is...**

# Photography

## What should I have covered in Home Learning?

Students who have opted for Photography at GCSE have been contacted via MS Teams and should have:

Content and tasks	Have I done this?
Set up their Adobe Creative Cloud Account to access Photoshop to use at home and in school (Use the handout in sent to you in Teams explaining how to do this)	
Created an exciting opening page for your A3 folder using a collecting of images form the internet linked to photography.	
Title page must include – name, course, and year group. This can be completed in WORD or Photoshop.	

Hints: Consider using a background texture or larger image (not black); try various sizes of images; rotate images and let them overlap for interest.

Decide on your type face, font size and colour

## How could I go further with this subject?

- 20/20 Photography task – Pupils will go for a walk and stop every 20 yards to take a photography of something interesting. This could be something seen close-up, an interesting texture, a view across the landscape or something unusual. Try to complete at least 3 walks.
- Begin an electronic sketchbook (PowerPoint) to show your work and send to Mr Atkinson once a week. PP needs to include the project brief, a contact sheet, various arrangement ideas, and final ideas compacted onto one page.
- Progress onto experimenting with changing the colours and tones of some of your photos using any computer or Apps you have.

**To improve in Photography next year, the one thing I will do is...**



# Physical Education

## What should I have covered in Home Learning?

Content and tasks	Have I done this?
Completed the weekly Stay @ Home Olympic challenges from the web site.	
Completed the PE department activity survey from the web site.	

Any other exercise you've managed to do in lockdown is a bonus!

## How could I go further with this subject?

If you can do the following things, they will help you to do well in PE next year:

- Run for at least 6 minutes without stopping.
- Throw a cricket / tennis / rounders ball at least 30 metres
- Complete a standing long jump of at least 1.5 metres.
- Complete at least 30 press-ups or sit-ups.
- Throw and catch a tennis ball against a wall with alternate hands at least 20 times.
- Understand how regular exercise and a balanced diet can improve health

If you are taking GCSE or BTEC PE next year, you should also:

- Resume sport specific training as soon as sport clubs re-start.
- Read articles related to current sporting issues (e.g. [bbc.co.uk/sport](http://bbc.co.uk/sport))
- Maintain / increase fitness levels by running / cycling / power-walking 3 or 4 times a week for at least 20 minutes.

**To improve in PE next year, the one thing I will do is...**

# Religious Education

## What should I have covered in Home Learning?

**Students begin their RE GCSE in Year 9; it is therefore particularly important that work has been completed.**

Content	Have I done this?
Jewish beliefs, attitudes and teachings about the nature and purpose of relationships in the twenty first century: families, roles of women and men, marriage outside the religious tradition and cohabitation	
The nature and purpose of marriage as expressed through Jewish marriage ceremonies including the Seven Blessings and Ketubah	
Orthodox and Reform Jewish attitudes towards adultery, issuing of the get, divorce, separation and re-marriage. Interpretations of Deuteronomy 24:1-4, Exodus 20:14 Sexual relationships	
Orthodox and Reform Jewish teachings about the nature and purpose of sex and the use of contraception	
Orthodox and Reform attitudes within and across Jewish traditions towards same sex relationships, including varied interpretations of: Leviticus 18:22, 20:13 Issues of equality: gender prejudice and discrimination	
Orthodox and Reform attitudes within Judaism toward the roles of women and men in worship and authority	
Christian beliefs, attitudes and teachings about the nature and purpose of relationships in the twenty first century: families, roles of women and men, marriage outside the religious tradition and cohabitation	
The nature and purpose of marriage as expressed through Christian marriage ceremonies in Britain and teachings: Mark 10:6-8 and the Church of England Synod	
Varying Christian attitudes towards adultery, divorce and annulment and separation and re-marriage. Interpretations of Matthew 19:8-9, Mark 10:9 Sexual relationships	
Christian teachings about the nature and purpose of sex and the use of contraception including varied interpretations of the Natural Law/Absolutist approach of Thomas Aquinas' Five Primary Precepts with reference to the second Primary Precept	
Diverse attitudes within and across Christian traditions towards same sex relationships, including varied interpretations of: Leviticus 20:13 and 1 Timothy 1: 8-10 Issues of equality: gender prejudice and discrimination	
Diverse attitudes within Christianity toward the roles of women and men in worship and authority with reference to Catholic, Orthodox and Anglican views on this issue	
Interpretations of teachings: 1 Timothy 2:11-12, Galatians 3:27- 29	
Concepts: • adultery • divorce • cohabitation • commitment • contraception • gender equality • responsibilities • roles	

## How could I go further with this subject?

- Research Jewish Festivals: Passover, Rosh Hashanah, Yom Kippur and Succot

**To improve in RE next year, the one thing I will do is...**

# Science

## What should I have covered in Home Learning?

You have covered some key KS4 topics during lockdown.

We follow the Edexcel GCSE in science, more information on this course and the syllabus can be found here: [qualifications.pearson.com/en/qualifications/edexcel-gcse/sciences-2016.html](https://qualifications.pearson.com/en/qualifications/edexcel-gcse/sciences-2016.html)

Content	Have I done this?
Biology: Plants and Photosynthesis	
Biology: Health and Disease	
Chemistry: <b>States of matter and mixtures</b> , including: solids liquids and gases, filtration, crystallization, chromatography and distillation	
Physics: <b>Conservation of energy</b> , including Gravitational Potential Energy, Kinetic Energy and Energy transfers.	

## How could I go further with this subject?

- You can complete any of the family based science activities on the STEM website to improve your understanding of science before next year.
- Make sure you check all Health and Safety advice before attempting the activities.
- [www.stem.org.uk/home-learning/family-activities#11-16](https://www.stem.org.uk/home-learning/family-activities#11-16)

**To improve in Science next year, the one thing I will do is...**

# Spanish

## What should I have covered in Home Learning?

Content	Have I done this?
Express likes/dislikes and give positive/negative opinions about leisure activities	
Talk about free-time using the present tense & radical changing verbs.	
Have a good awareness of the present tense	
Be able to buy food and drink and to be able to cope eating out in Spain.	
Be able to use the future tense to say more about sport	
Recognise the different routines in Spain compared to England.	
Begin to use the preterite (past) tense and the imperfect (regulars and irregulars)	
Use 2 tenses side by side	
Have an awareness of festivals and cultural aspects of Spain and Latin America	

## How could I go further with this subject?

- Make sure you have learned the key vocabulary for the topics covered this year and that you understand the grammar and are able to apply the rules.
- In preparation for GCSE, test yourself, by seeing if you can speak for 2 to 3 minutes on any of the topics covered. Can you do this with notes and after practising a few times, can you do this without notes? Can you write a short piece (40 words) from notes on any of the topics covered? Can you do this with notes and then can you do this without notes?
- You might like to listen to some radio in the language or watch a film. ALL 4 is a free TV channel and has a good range of programmes in other languages. Netflix and Prime, if you have these, are also good. Enjoy your languages!

**To improve in Spanish next year, the one thing I will do is...**