



St. John Fisher

CATHOLIC COMPREHENSIVE SCHOOL

"Deo Reddite Dei"

"Give back to God what belongs to God"

Independent Learning

Year 9

Term 4

Name: _____



Instructions for how to use your independent learning

After school, every day, you should independently research and learn **TWO** subjects from your independent learning. Your class teacher may set you specific tasks. The timetable below gives you an example of how you could structure your time to help you focus each night. It doesn't matter if you don't have that particular subject on that day, just follow the timetable for your home learning. You should spend **half an hour** on each subject.

EXAMPLE OF HOME TIMETABLE FOR STRUCTURING SUBJECTS & YOUR TIME MANAGEMENT

Monday: English and Geography
Tuesday: Science and Art / DT / Food
Wednesday: Maths and History
Thursday: RE and Computer Science
Friday: MFL and Music / Drama

Reading at home

There is also an expectation that you should read a book of your choice for 30 minutes every day.

Be prepared for the class quiz/

Class or group discussion

- Each week your class teacher will set you a task from your independent learning. It may include reading text, watching a video or exploring a website.
- Take detailed notes on key points, concepts and other important details.
- Keep a track of the research tasks and make a checklist to ensure you cover all required aspects of the topic.
- Seek help from your teacher if you find the task challenging and collaborate with classmates for group study sessions.

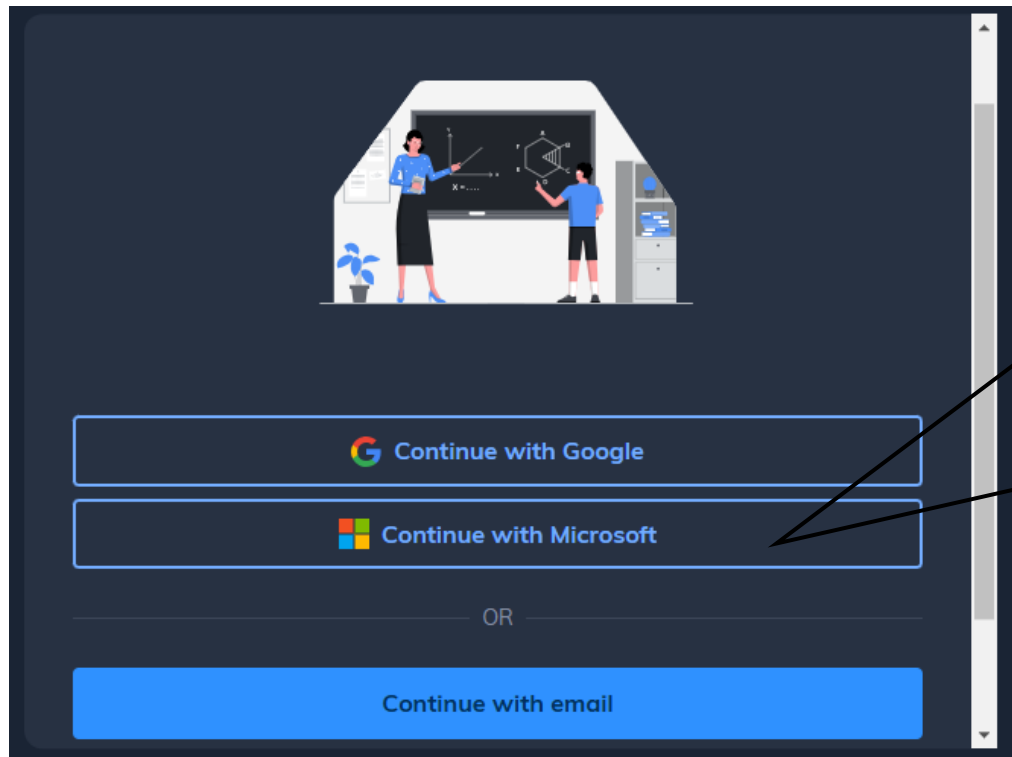
How to research and learn independently:

- Carefully read the assignment instruction and identify key questions or topics that you need to research.
- Take notes – write down important points, quotes or data.
- Ask someone to test you and ask you questions about the topic
- Create mind maps or flashcards on the topic
- Try writing out the key words or vocabulary into new sentences
- Create a mnemonic
- Draw a diagram of the process
- Read further around the subject



How to access Seneca Learning

Go to the website: www.senecalearning.com and click Login



Click “Continue with Microsoft”
Use your school email address that ends with @student.stjohnfisher.school
The password is the same as the password you use to access the school computers and Teams

You will find the work set for your class in “Assignments”

Mathematics Higher

Week 1:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: FRACTIONS

Having log in issues?

Email:m.so@stjohnfisher.school

Week 4:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: PERCENTAGES

Having log in issues?

Email: m.so@stjohnfisher.school

Week 2:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: LINE RATIO

Having log in issues?

Email:m.so@stjohnfisher.school

Week 5:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: FRACTIONS, DECIMALS AND PERCENTAGES

Having log in issues?

Email: m.so@stjohnfisher.school

Week 3:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: RATIO AND PROPORTION

Having log in issues?

Email:m.so@stjohnfisher.school

Week 6:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: END OF UNIT VARIETY QUESTIONS

Having log in issues?

Email: m.so@stjohnfisher.school

Key vocabulary: Fractions, Decimals, Ratio, Proportion, Percentages,

Mathematics Foundation

Week 1:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: SOLVING EQUATIONS

Having log in issues?

Email:m.so@stjohnfisher.school

Week 4:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on:

MORE INEQUALITIES

Having log in issues?

Email: m.so@stjohnfisher.school

Week 2:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: SOLVING EQUATIONS WITH BRACKETS

Having log in issues?

Email:m.so@stjohnfisher.school

Week 5:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: MORE FORMULAE

Having log in issues?

Email: m.so@stjohnfisher.school

Week 3:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: INTRODUCING INEQUALITIES

Having log in issues?

Email:m.so@stjohnfisher.school

Week 6:

HOMEWORK

Log into MathsWatch using the provided log in detail.

Complete the task set on: GENERATING SEQUENCES AND USING NTH TERM

Having log in issues?

Email: m.so@stjohnfisher.school

Key vocabulary: EQUATIONS, INEQUALITIES, INVERSE OPERATION, FUNCTION MACHINE, FORMULAE, SEQUENCE, GENERATING

English

Week 1:

Complete the “Overview” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 4:

Complete the “Act Three” review assignment on Seneca Learning.

This will be marked automatically by Seneca Learning

Week 2:

Complete the “Act One” review assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 5:

Complete the “Act Four” review assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 3:

Complete the “Act Two” review assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 6:

Complete the “Act Five” review assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Key vocabulary:

Plot – context – character – Elizabethan – comedy - Shakespeare

Science

Week 1:

9Sc1 complete “Reactivity tests”, “static electricity”, and “health issues” assignments on Seneca Learning.

Combined Science classes complete the “Types of bonds” assignment on Seneca Learning.

These will be marked automatically by Seneca Learning.

Week 2:

9Sc1 complete “Exam style questions”, “Electric fields”, and “Risk factors” assignments on Seneca Learning.

Complete the “Ionic compounds” assignment on Seneca Learning.

These will be marked automatically by Seneca Learning.

Week 3:

9Sc1 complete “Reactions of acids”, “Atomic model”, and “Heart disease” assignments on Seneca Learning.

Complete the “Covalent bonds” assignment on Seneca Learning.

These will be marked automatically by Seneca Learning.

Week 4:

9Sc1 complete “Salts and separating mixtures”, “Alpha particles”, and “heart disease 2” assignments on Seneca Learning.

Complete the “Metallic bonds” assignment on Seneca Learning.

These will be marked automatically by Seneca Learning.

Week 5:

9Sc1 complete “pH”, “Density”, and “Cancer” assignments on Seneca Learning.

Complete the “Current” assignment on Seneca Learning.

These will be marked automatically by Seneca Learning.

Week 6:

9Sc1 complete “Titrations”, “Changes of state”, and “End of topic test” assignments on Seneca Learning.

Complete the “Potential difference” assignment on Seneca Learning.

These will be marked automatically by Seneca Learning.

Key vocabulary:

Covalent – Ionic – Metallic – Electron – Current – Potential Difference

RE

Week 1: Popular Piety

Create an A4 revision poster on the following types of Popular Liturgy.

1. The Rosary
 2. The Stations of the Cross
 3. Eucharistic Adoration
- Use the following site to help you:
<https://www.bbc.co.uk/bitesize/guides/zffxh39/revision/5>

Week 4: Seneca

Complete 3 Catholic Christianity sections on SENECA learning on the link below: Complete:

- a) 1.2.8 – Pilgrimage
- b) 1.2.6-7– Worship and Liturgy
- c) 1.2.9 – Social Teaching

Week 2: Pilgrimage

Create a report (no more than 1 side of A4) about one place of Catholic pilgrimage. Where is it? Why is it important? What brings pilgrims there?

You could talk about:

- Lourdes, Jerusalem, Walsingham

Week 5: Evangelization

Watch the following Clip:

<https://www.youtube.com/watch?v=iqbzneFZ6Wc>

Then answer the following questions: What did Francis Xavier do? What is he the patron of? Do you need to travel to be a missionary? What 2 things are we all called to do? Who is a missionary?

Week 3: Catholic Social Teaching

Create a set of flash cards either on paper or online about Catholic Social Teachings:

Your flash cards should include, what are the teachings, why they're important and any SOWAs.

Key vocabulary:

Rosary, Stations of the Cross, Monstrance, Pilgrimage, CST, Dignity, Mission, Evangelization, Imago Dei

Week 6:

Revision - create a report on your Chapter 2 learning so far. Rate it from Secure

Not yet Secure

I don't understand,

Evaluate your knowledge of the following topics, writing 3 lines of information about each topic: Sacraments, Liturgical Worship, Funeral Rite, Prayer, Popular Piety, Pilgrimage, Catholic Social Teaching, Evangelization.

You will be assessed on these topics for your end of term assessment. It is important that you understand where your strengths and weaknesses are.

Computer Science - Year 9

Week 1:

Collect and take home the computer science topic tests workbook.

Bring back to next lesson for working through.

Week 4:

Seneca assessment set on Programming fundamentals topics.

This will be marked automatically by Seneca Learning.

Week 2:

Answer the extended questions worksheets.

Bring in next lesson for marking.

Week 5:

Exam set on Seneca for completion.

This will be marked automatically by Seneca.

Week 3:

Seneca assessment set on Data Representation.

This will be marked automatically by Seneca Learning.

Week 6:

Review and revise the knowledge organisers.

Mark what areas you need to work on.

Bring it in for the teacher to work through individual plan.

Key vocabulary:

Algorithm – Application – System Architecture – Storage – Memory – Database – Sorting – Searching – Programming – Boolean - Logic

Geography

Week 1:

Hand out independent learning task sheets.

Week 4:

Read your knowledge organiser, Topic 2 Weather and Climate.

Revise and take notes on **Section 3 Evidence for Climate Change.** You will be tested on this in class.

Quiz questions will be marked in class..

Week 2:

Read your knowledge organiser, Topic 2 Weather and Climate.

Revise and take notes on **Section 1 Global Climate Key Words.** You will be tested on these key words in class.

Quiz questions will be marked in class..

Week 5:

Read your knowledge organiser, Topic 2 Weather and Climate.

Revise and take notes on **Section 4 Human Causes of Climate Change.** You will be tested on these causes in class.

Quiz questions will be marked in class..

Week 3:

Read your knowledge organiser, Topic 2 Weather and Climate.

Revise and take notes on **Section 2 Global Climate Change.** You will be tested on these in class.

Quiz questions will be marked in class..

Week 6:

Read your knowledge organiser, Topic 2 Weather and Climate.

Revise and take notes on **Section 5 Impacts of Climate Change.** You will be tested on these impacts in class.

Quiz questions will be marked in class..

Key vocabulary:

Global atmospheric circulation, high pressure, low pressure, Coriolis effect, jet streams, Milankovitch cycles, climate change

History

Week 1:

Issue h/w tasks: show where to locate revision booklet on HVIII on Teams.
Issue paper copies for student who do not have access to Teams

Week 2:

Use the HVIII revision booklet on Teams.

Read and make flash cards for p.g 10,11,12.

Learn these flash cards.

Bring them to your lesson for your weekly test.

Week 3:

Use the HVIII revision booklet on Teams.

Read and make flash cards for p.g 13,14,15.

Learn these flash cards.

Bring them to your lesson for your weekly test

Week 4: Use the HVIII revision booklet on Teams.

Read and make flash cards for p.g 16,17,18.

Learn these flash cards.

Bring them to your lesson for your weekly test

Week 5: Use the HVIII revision booklet on Teams.

Read and make flash cards for p.g 19,20,21.

Learn these flash cards.

Bring them to your lesson for your weekly test

Week 6: Use the HVIII revision booklet on Teams.

Read and make flash cards for p.g 22,23,24.

Learn these flash cards.

Bring them to your lesson for your weekly test

Key vocabulary: Parliament. Minister. Wolsey. Cromwell. Reformation. Monarch. Foreign Policy. Finance. Court

French year 9

Week 1:

Collect new homework booklet in class

Week 4:

Learn new vocab from the vocab sheet, you'll be tested on this in class. Homework will be set on teams

Week 2:

learn new vocab, this will be set on teams .Homework will be set on teams

Week 5:

Research about one popular French-speaking celebrity. It can be an actor/footballer from any francophone country. Make sure to write this in French. This will be set on teams, and then email it to your class teacher.

Week 3:

Complete the worksheet by filling the blanks about 3 celebrities of your choice: name, personality and appearance. Task 2: match the verbs with the correct verb. Challenge: make up a sentence.

Task 3: translate the following words in English. You may use this link: <https://www.collinsdictionary.com/translator>

Week 6:

Learn new vocab from the vocab sheet, you'll be tested on this in class

This will be set on teams

Key vocabulary: ma personne préférée, acteur, actrice, footballeur, les réseaux sociaux, l'ordinateur, la télé, francophonie...

Latin

Week 1:

Explain the difference between nominative, accusative, and genitive cases with examples

Week 2

Stage 13 Arrival in Britain

Write 5 sentences in Latin using the infinitive form.
Example: “*volo dormire*” (I want to sleep)

Week 3

Conjugate the verb *Portatare* in the Present, Past and Imperfect tenses. Give examples for each tenses.

Key words: Qui, quae. quod

Week 4:

Write 5 sentences using *Possum, volo and nolo*.
Explain in your own words why Boudica led a rebellion

Week 5:

Research:

Why was Alexandria important to the Romans?

Week 6:

Write 5 sentences using *qui, quae and quod*.

- Identify 5 dative case nouns in *Gladiatores* and translate them
- Debate: *Were the gladiatorial games just entertainment or cruel exploitation?*

Sociology

Week 1:

All students issued with information booklet

Complete the following exam question but first you will need to read pages 80- 81 of your booklet

Identify and explain one reason why some sociologists use a broad narrow rather than a narrow definition of family (4 marks)

Week 4:

Complete the following exam question but first you will need to read pages 86- 87 of your booklet

Identify and explain one turning point in an individual's life might lead to a change in their family or household situation (4 marks)

Week 2:

Complete the following exam question but first you will need to read pages 82- 83 of your booklet

Describe what sociologists mean by the term lone parent family (3 marks)

Week 5:

Complete the following exam question but first you will need to read pages 88- 89 of your booklet

Describe what sociologists mean by the term cultural diversity (3 marks)

Week 3:

Explain why there has been an increase in one-parent households (read pages 84-85 to help you answer this question)

Week 6:

Read pages 90-91 and answer the following exam question

Identify one aspect of family diversity and explain how you would investigate this aspect using unstructured interviews (4 marks)

Key vocabulary:

Family- Lone parent-one parent households- turning point – cultural diversity –unstructured interviews

Art and Design

Week 1:

Task: bring into school natural forms such as leaf's, mushrooms, flowers etc.

This is in preparation for the natural forms printing workshop.

This will be marked at the end of term towards with your project.



Week 4: Layered Drawing Experiment

Task: On **two separate sheets** (or digital layers if using an iPad):

Layer 1: Light sketch of a natural form.

Layer 2: Add detailed texture/shading on **tracing paper** (or a thin sheet).

Layer 3 (Optional): Use fine liner, pen, or paint to create an **expressive version**.

Overlay the layers and see how the drawing changes!



Week 2: Independent Observational Drawing Task

Task: Choose a **natural object** (e.g., leaf, shell, flower, pinecone, bone).

Create a **detailed pencil drawing** focusing on texture and shading.

Annotate your drawing with:

What worked well?

What could be improved?

How could you develop this into a more creative outcome?

This will be marked at the end of term towards with your project.

<https://www.youtube.com/watch?v=aDITJlFu7w&t=124s>

Week 5:

Developing a Personal Idea

Task: Start planning an original idea for a **final piece** based on Natural Forms.

Create **three thumbnail sketches** showing different compositions and ideas.

Annotate each sketch, explaining:

Why did you choose these ideas?

Which artists have influenced your designs?

What materials would you use to create your final piece?

This will be marked at the end of term towards with your project.

Week 3: Experimenting with Materials

Task: Choose **one of your observational drawings** and recreate it using a different medium (e.g., collage, ink, watercolour, digital drawing).

Annotate your work, explaining:

How does this material change the effect of your artwork?

Which medium do you prefer and why?

How could this experimentation influence your final piece?

This will be marked at the end of term towards with your project.

Week 6: Reflecting on Progress and Next Steps

Task: Write a **300-word reflection** on your project so far, covering:

What have you learned about Natural Forms?

What have been your biggest successes?

What challenges have you faced, and how did you overcome them?

What are your next steps in the project?

This will be marked at the end of term towards with your project.

<https://www.bbc.co.uk/bitesize/guides/zymtv9q/revision/1>

Key vocabulary:

Observation, line, tone, shape, accuracy, texture, colour, shading, developing, idea, design, pattern, experimenting, independent

Home Cooking Skills

Week 1:

WEEK 1 – Two-course meal

Plan a nutritious two-course meal that includes a full detailed recipe.

Submit it via Teams or hand in your homework written on the paper.

Week 4:

WEEK 4 - The science of food

Describe why food is cooked, including, digestion, taste, texture, and appearance and to avoid food contamination.

Describe how heat is transferred to food through conduction, convection and radiation and how and why the production of some dishes relies on more than one method of heat transference.

Week 2:

WEEK 2 - Principles of nutrition

Macro and micronutrients

Describe the definition of macronutrients and micronutrients in human nutrition

Describe the role of macronutrients and micronutrients in human nutrition

Week 5:

WEEK 5 – Food spoilage

Describe how to store foods correctly: refrigeration/freezing, dry/cold storage, appropriate packaging/covering of foods

Describe the importance of date marks, and labelling of food products to identify storage and preparation

Week 3:

WEEK 3 - Importance of balanced diets

Describe guidelines for a healthy diet.

Identify how nutritional needs change due to age, lifestyle choices and state of health.

Plan a balanced diet for yourself.

Week 6:

Week 6 - Food provenance

Describe food origins to include where and how foods are grown, reared, or caught.

Describe food miles, impact on the carbon footprint, and buying foods locally.

Describe the impact of packaging on the environment versus the value of packaging.

Key vocabulary:

human diet, food origins, food import, food waste, food spoilage, cooking methods, macro and micro nutrients, and balanced diet.

Drama

Week 1: Who was Stanislavski?

Conduct some research into Constantin Stanislavski. Answer the question on the assignment on Teams and upload your work.

This task will be marked on Teams.

Week 2: What are some of the key words for learning about Stanislavski concepts?

Learn the following key words and definitions for a test next lesson.

- Naturalism- Acting that looks like real life
- Physical apparatus- How Stanislavski referred to an actor's voice & body
- Emotion memory- An actor remembering a time when they felt a similar emotion to their character
- Magic If- When an actor puts themselves in the position of their character
- Objective- What a character wants to achieve
- Super objective- The overall thing a character wants to achieve by the end of the story.
- Given circumstances- facts provided from the playwright surrounding the situation in which a character exists.

Week 3: Can you find 10 given circumstances of a character from a book you are currently reading?

We have explored Stanislavski's method of Given Circumstances. Given Circumstances are the factual pieces of information given to us by a playwright. These facts surround the who, what, when, where, how and why.

Take the book you are reading currently (if not currently reading a book, borrow one from the library) and read the first 5 pages. Then list 10 given circumstances (the facts given to us by the author) surrounding the who, what, when, where, how & why of one of the characters.

Upload your work to the assignment on Teams.

Week 4: How far can you concentrate?

Stanislavski wanted his actors to concentrate on the stage and ignore the fact that there was an audience watching. He wanted his actors to separate themselves and to use their imagination to overcome the sensation of the audience acknowledging their existence. Study the image on Teams for 5 minutes, describing the shape, colour, use, special features. Now cover the image and see what you can remember- what caught your attention?

This will be marked verbally in the lesson.

Week 5: What does a Naturalistic play look like?

Watch Henrik Ibsen's naturalistic play entitled 'A Doll's House.' Focus on the dialogue, costume and set design. Then answer the question: How convincing is the performance in terms of naturalism? Aim to write one page giving specific examples from the play. Is there anything the actors or designers could do to convince you further?

<https://www.youtube.com/watch?v=Kg0Ll77GZhk>

Week 6: How can I make the most of rehearsing my monologue?

You have now written your monologue and must now start to rehearse it through. What vocal and physical skills can you apply to your monologue? Is it naturalistic? Will your audience believe in your character? Practice in the mirror and analyse your facial expressions.

This is not marked but your monologue will be assessed.

Key vocabulary: Constantin Stanislavski- Naturalistic Theatre- Imagination- Belief- Given Circumstances- Emotion Memory- Units- Actions- Objectives- Magic If- Monologue- Stage directions- Skill- Audience- Physical apparatus

Business

Week 1:

Business Finance: Explain the following using examples:

- a) Profit / loss
- b) Cash flow
- c) Sales
- d) Variable costs
- e) Fixed costs
- f) Revenue

Complete assignments on teams

Week 4:

Business Expansion - Strategies

- *Discuss Takeover as a business expansion strategy
 - List 3 advantages and 3 disadvantages of Takeovers expansion
- *Discuss mergers and acquisition as a business expansion strategy.
 - List 3 advantages and 3 disadvantages of mergers and acquisitions.
- ***Research: Provide a list of 3 businesses that have been involved in Takeovers, mergers and acquisitions**

Week 2: Business Expansion

- *What is business expansion?
- *Types of business expansion?
- * Most common methods of business expansion
 - Provide 3 Advantages and disadvantages of business common expansion strategies.

***Watch:** <https://www.bbc.co.uk/news/business-51208592>

Week 5:

- *Discuss franchising as a business expansion strategy
 - List 3 advantages and 3 disadvantages of franchising as a business expansion strategy
- *Discuss outsourcing as a business expansion strategy
 - List 3 advantages and 3 disadvantages of outsourcing as a business expansion strategy
- ***Research: Provide a list of 3 businesses that have expanded using the franchising strategy**

Week 3:

Business Expansion - Approaches

- *Discuss organic and inorganic expansion strategies
 - List 3 advantages and 3 disadvantages of each strategy
- *Discuss Horizontal Expansion
 - List 3 advantages and 3 disadvantages of this strategy
- *Discuss Lateral Expansion
 - List 3 advantages and 3 disadvantages of Lateral business expansion

Week 6:

- *Which expansion strategy is best for achieving local expansion of a business?
- *Justify your answer
- *Which expansion strategy is best for achieving international expansion of a business?
- *Justify your answer
- ***Research: Provide a list of 5 businesses that have expanded to become well-known brands within the UK and internationally.**

Key Vocabulary: Profit, Cash Flow, Sales, Variable Cost, Fixed Cost, Revenue, Business Expansion, Takeover, Mergers, Acquisition, Franchise, Outsourcing.

Physical Education – Year 9 GCSE PE Homework Tasks

Week 1: Everlearner task – Watch now & then test yourself

Watch the video on Everlearner about commercialisation, ensure to make notes as you go. Following this, test yourself on the topic and achieve a minimum pass score of 75%.

Week 4: Everlearner task – Watch now & then test yourself

Watch the video on Everlearner about health and well-being and sedentary lifestyles, ensure to make notes as you go. Following this, test yourself on the topic and achieve a minimum pass score of 75%.

Week 2: Everlearner task – Watch now & then test yourself

Watch the video on Everlearner about performance enhancing drugs, ensure to make notes as you go. Following this, test yourself on the topic and achieve a minimum pass score of 75%.

Week 5: Everlearner task – Watch now & then test yourself

Watch the video on Everlearner about obesity and somatotypes, ensure to make notes as you go. Following this, test yourself on the topic and achieve a minimum pass score of 75%.

Week 3: Everlearner task – Watch now & then test yourself

Watch the video on Everlearner about spectator behaviour, ensure to make notes as you go. Following this, test yourself on the topic and achieve a minimum pass score of 75%.

Week 6: Everlearner task – Watch now & then test yourself

Watch the video on Everlearner about energy use and diet, ensure to make notes as you go. Following this, test yourself on the topic and achieve a minimum pass score of 75%.

Key vocabulary: Sponsorship, Media, Technology, Sport, Beta Blockers, Stimulants, Peptide Hormones, Narcotic Analgesics, Diuretics, Hooliganism, Ectomorph, Endomorph, Mesomorph, Carbohydrates, Protein, Fats.