



# St. John Fisher

CATHOLIC COMPREHENSIVE SCHOOL

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***"Deo Reddite Dei"***

"Give back to God what belongs to God"

## Independent Learning

Year 10

Term 3

**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.

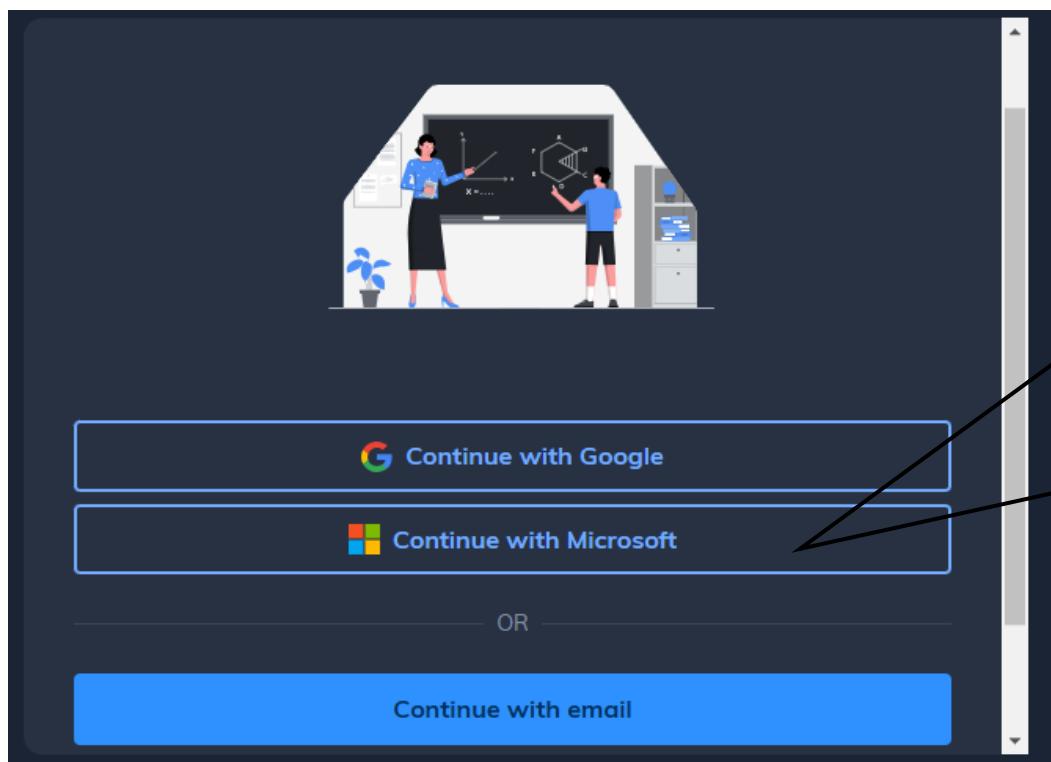
#### **How to research and learn independently:**

- 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](https://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 Year 10 (Foundation)

## Week 1:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **ratio and measure**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 4:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Pythagoras Theorem**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 2:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **comparing ratios**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 5:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Trigonometry**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 3:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Proportion**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 6:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Length and angles using trigonometry**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

**Key vocabulary: Ratio, Measures, Comparing, Proportion, Graphs, Pythagoras, Trigonometry, SOH CAH TOA**

# Mathematics Year 10 (Higher)

## Week 1:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Probability of mutually exclusive events**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 4:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Tree diagram in probability**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 2:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Two way table in probability**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 5:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Conditional probabilities**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 3:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Venn diagram in probability**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

## Week 6:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **Application of theoretical probability**

Having log in issues?

Email: [e.nyantakyi@stjohnfisher.school](mailto:e.nyantakyi@stjohnfisher.school)

**Key vocabulary: Mutually exclusive, Combined events, relative frequency, Tree diagram, Venn diagram, Probability,**

# English

## Week 1:

Complete the “Exploring power in the Power and Conflict Anthology” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 4:

Complete the “Power and Conflict poetry terminology and techniques” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 2:

Complete the “Exploring human power in AQA’s Power and Conflict poetry” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 5:

Complete the “Comparing themes in Power and Conflict poetry” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 3:

Complete the “Nature’s power and conflict poetry” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 6:

Complete the “Power and Conflict poetry: key quotes for GCSE analysis” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Key vocabulary:

Juxtaposition – Caesura – Semantic Field – Enjambment – Volta – Sibilance – Ambiguity - Allusion

# Science

## Week 1:

Complete the assignment on Seneca Learning. This will be marked automatically by Seneca.

## Week 4:

Complete the assignment on Seneca Learning. This will be marked automatically by Seneca.

## Week 2:

Complete the assignment on Seneca Learning. This will be marked automatically by Seneca.

## Week 5:

Complete the assignment on Seneca Learning. This will be marked automatically by Seneca.

## Week 3:

Complete the assignment on Seneca Learning. This will be marked automatically by Seneca.

## Week 6:

Complete the assignment on Seneca Learning. This will be marked automatically by Seneca.

## Key vocabulary:

# Religious Education

**Week 1:** Create an A4 poster on : “All Jewish people should follow the Mitzvot”

**Criteria:** List 3 reasons to agree and 3 reasons to disagree with the statement. Plan your answer.

**Challenge:** You can also give a counter argument, strength, or weakness of each view.

**Week 4:** Create a leaflet comparing Jewish views/beliefs and non-religious views about:

“The origins of life”

“The sanctity of life” (Abortion, euthanasia & Organ donation)

Using your research skills and putting information into your own words

## Week 2:

Design your own kosher menu for a meal. You can either make a meal for breakfast, lunch or dinner or a celebration. Think about the laws of kashrut. Don’t forget to label it!

On your menu, you should have: Dish name, Ingredients, Preparation, Starter, Main course and Dessert

## Week 5: Write the definitions for each of the words below.

Sheol

Gan Eden

Gehinnom

Messiah

Messianic age

Olam Ha Ba

Judgement

**Week 3:** Watch the video below on the link provided. You are learning about Pikuach Nefesh.

<https://www.youtube.com/watch?v=N-5hFUyxMTQ>

Answer the following questions:

What is more important than ritual?

What does Pikuach Nefesh mandate?

Do Jewish people always know how to perfectly follow Pikachu Nefesh?

## Week 6: Revision

Create a report on your Judaism learning. From I know this – Not sure about this – I don’t understand.

Then evaluate your knowledge of the following topics, writing 3 lines of information about each topic: Dietary laws, Pikuach Nefesh, Jewish teachings on (Abortion, Euthanasia and Organ Donation) and LAD.

**Key vocabulary:** Kosher, Triefah, Kashrut, Mitzvot, Pikuach Nefesh, Olam Ha Ba, Gan Eden, Sheol, Messiah

# Citizenship

**Week 1:** Use the following clip to investigate what trade unions are ready for discussions in class:

<https://www.youtube.com/watch?v=T9vXICVZBSU>

**Week 4:** Research the role of local councils, include:

- Who your local council is
- What roles it performs
- What local issues there are in your area

**Week 2:** 10 mark question practice:

'All employees should belong to a trade union'

**Week 5:** What are political parties? Carry out research into the Conservative and Labour party. Include:

1. Origins
2. Leaders
3. Beliefs

**Week 3:** 'Human Rights should never be limited, regardless of the situation.' How far do you agree with this? 15m question practice

**Week 6:** Exam question practice: 'Responsibilities are more important than rights.' How far do you agree with this? 12m

**Key vocabulary:** Trade Unions, Rights, Responsibilities , local councils, political parties, Labour Party, Conservative Party.

# History

## Week 1:

**Booklet issued: preparation for PPE paper 2: HVIII.**

**Past questions for question 1, features.**

**Use your revision booklet on Teams to make knowledge notes in the spaces provided for England 1509**

## Week 4:

**Use your revision notes to prepare for past questions.**

**You will be given a past question for your starter.**

**Peer mark**

## Week 2:

**Past questions for question 1, features.**

**Use your revision booklet on Teams to make knowledge notes in the spaces provided for HVIII and Wolsey**

## Week 5:

**Use your revision notes to prepare for past questions.**

**You will be given a past question for your starter.**

**Peer mark**

## Week 3:

**Past questions for question 1, features.**

**Use your revision booklet on Teams to make knowledge notes in the spaces provided for HVIII and Cromwell**

## Week 6:

**Use your revision notes to prepare for past questions.**

**You will be given a past question for your starter.**

**Peer mark**

**Key vocabulary: .Feature. Describe. Hierarchy. Faction. Foreign policy. Finance. Government. Religion. Law and order.**

# Business Studies

## Week 1: Identifying and understanding customer need

- What are customer needs
- What role price, quality of products/services, choice and convenience play in determining customer needs and choices.
- What is the importance of identifying and understanding customer needs to success
- What is the importance of understanding customers to effective generation of sales and business survival.

- Answer questions on SENECA learning, using link provided on Teams

## Week 4: Methods of Market Research

Understand the different types and tools of Market research

- Primary research
- Secondary research
- Types of Data and their uses in business research:
  - Qualitative and Quantitative data

- Research and write report of no less than 500 words submit via Teams

## Week 2: What is Market Research

- Definitions of Market research
- Why is market research important to business?
- What is the relationship between identifying customer needs with market research
- How does market research contribute and help businesses identify and understand customer needs

- Produce an essay of not less than 500 words to be submitted via Outlook

## Week 5: Methods of Market Research

Understand the different types and tools of Market research

- Primary research
- Secondary research
- Types of Data and their uses in business research:
  - Qualitative and Quantitative data

- Research and write report of no less than 500 words submit via Teams

## Week 3: Market Research and Product Development

- How market research supports new product design
- How market research supports the development and improvement of existing products
- How market research reduces risk of product failure
- How market research supports effective product decision making.

- Produce an essay of not less than 500 words to be submitted via Outlook

## Week 6: Market Research Tools and their Uses

- Research Surveys
- Questionnaires
- Focus groups
- Observation
- How research data supports effective business decision making

- Conduct independent research and prepare for class discussion

## Key vocabulary:

Customer Needs, Market Research, Risk, Product failure, business decision making, Primary research, Secondary research, Qualitative data, Quantitative data, Research Surveys, Questionnaires, Focus groups, Market segmentation, demographics

# Geography Year 10

## Week 1:

Read the information on the sheet and complete the questions in detail.

## Week 4:

Read the information on the sheet and complete the questions in detail.

## Week 2:

Read the information on the sheet and complete the questions in detail.

## Week 5:

Read the information on the sheet and complete the questions in detail.

## Week 3:

Read the information on the sheet and complete the questions in detail.

## Week 6:

Read the information on the sheet and complete the questions in detail.

**Key vocabulary:** Hazards, volcanoes, earthquakes, plate boundaries, tectonics, Urbanisation, urban growth.

# Art and Design Year 10 Term 3

## Week 1:

Create a mind map of your own ideas to take your Flight project forward independently.

## Week 4:

Take photographs where possible that are relevant to your independent ideas e.g. portrait photography, close ups of feathers etc. If unable to take photographs first hand, collect relevant images.

## Week 2:

Create a mood board that shows the focus of your independent ideas e.g. flight in mythology, flying machines, portraiture that includes birds or insects, close-ups of birds or insects etc.

## Week 5:

Create a drawing from your own photograph or one you collected last week.

## Week 3:

Create a drawing or painting from one of the photographs from last week's mood board.

## Week 6:

Create a second visual response to the photographs from week 4.

## Key vocabulary:

Composition, imagery, content, form, process, mood, technique, media, mark-making, portraiture, flying machines, close-up, macro photography