



# St. John Fisher

CATHOLIC COMPREHENSIVE SCHOOL

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***"Deo Reddite Dei"***

*"Give back to God what belongs to God"*

## Independent Learning

Year 7

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.

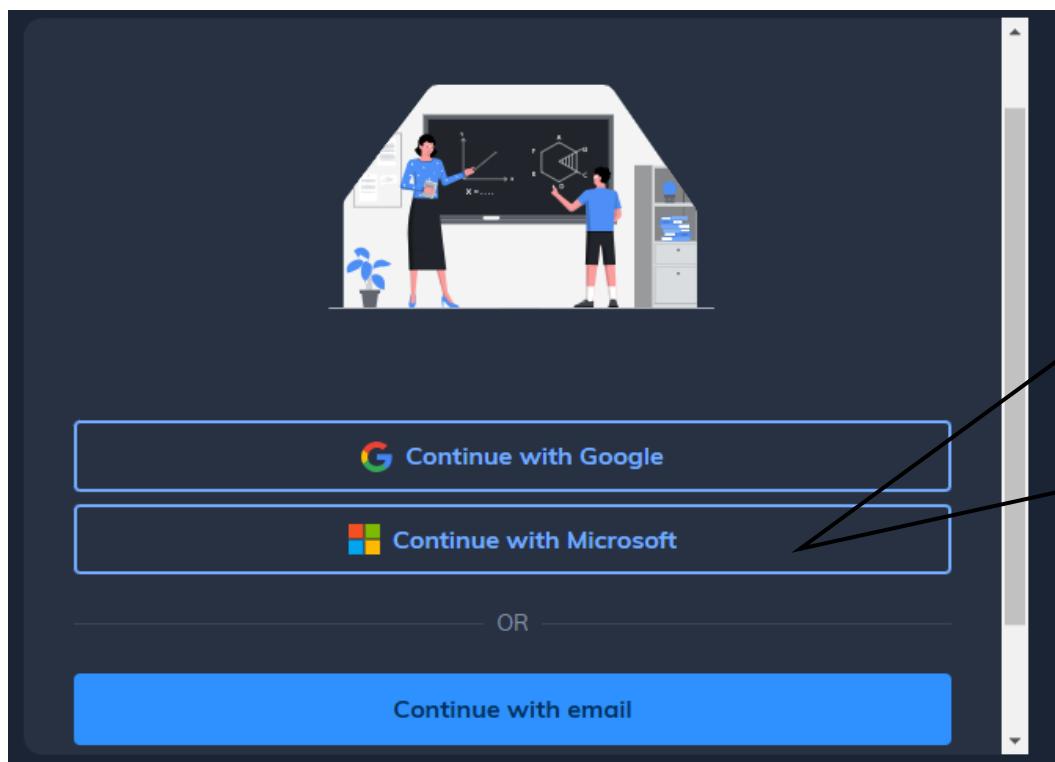
#### **How to research and learn independently:**

- 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 7 (GS)

## Week 1:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **DISTANCE-TIME GRAPHS**

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: **ORDERING DECIMALS AND ROUNDING**

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: **LINE GRAPHS**

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: **CALCULATING WITH DECIMALS**

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: **REAL-LIFE GRAPHS, CURVED GRAPHS**

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: **RATIO AND PROPORTION WITH DECIMALS**

Having log in issues?

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

**Key vocabulary: Graphs, Distance, Time, Ordering, Decimals, Rounding, Place Value, Ratio, Proportion**

# Mathematics Year 7 (MS)

## Week 1:

### HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: **COMPARING AND SIMPLIFYING FRACTIONS**

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: **PERCENTAGES OF AMOUNT**

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: **WORKING WITH FRACTIONS, FRACTIONS AND DECIMALS**

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: **EXPERIMENTAL PROBABILITY**

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: **UNDERSTANDING PERCENTAGE,**

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: **CALCULATING PROBABILITY, EXPECTED OUTCOMES**

Having log in issues?

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

**Key vocabulary: Comparing, Simplifying, Fractions, Decimals, Percentages, Probability, Experimental, Expected outcomes**

# English

## Week 1:

Complete the “Unlocking the Secrets of Storytelling and Literary Techniques” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 4:

Complete the “Exploring the Journey of Refugee Boy” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 2:

Complete the “Exploring Refugee Boy by Benjamin Zephaniah” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 5:

Complete the “Mastering Novel Analysis: Key Terms and Techniques” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 3:

Complete the “Mastering Textual Analysis” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Week 6:

Complete the “Exploring Refugee Boy: Characters and Themes” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

## Key vocabulary:

Displacement – Persecution – Identity – Assimilation – Resilience – Empathy – Marginalisation – Human Rights

# 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:

### Creative Activity

Draw a picture that shows what you think it means for Jesus to be both God and human. For example, you could draw a picture of Jesus with a halo (to show He is God) and a human heart (to show He is also human). You can also add a scene of Jesus helping others to show His love.

## Week 2:

<https://www.bbc.co.uk/bitesize/articles/zcqwmhk>

Follow the link and complete the quiz at the end.

This learning will help you understand, Jesus as Son of Man and Son of God.

## Week 3: True or False:

- The Trinity refers to three gods.
- Jesus referred to God as His Father.
- Catholics believe God is both masculine and feminine.
- The Trinity is a mystery that can be fully understood.

Answer the questions:

- Why do you think it is important for Catholics to understand the Trinity as "three persons in one"? How does it change how they relate to God?

## Week 4:

<https://youtu.be/E1ZZeCDGHJE?si=RGYYjbCPd7ocVkxN>

Watch all 3 episodes of this series.

Write down 3 questions you think you would like to ask your teacher.

## Week 5:

lex orandi lex credenda

What is this?

Explain in a paragraph what this means in your own words. Do not copy and paste.

Challenge: how does this term relate to the Catholic Mass?

## Week 6:

Look at:

- 'The Trinity' by Taddeo Crivelli
- 'The Trinity' by Andrei Rublev

Look at other images of the Trinity if you wish.

Create your own image for The Trinity

Key vocabulary: Revelation, Culmination, Son of God, Son of David, Son of Man, Messiah, Trinity, Arian, Heresy, lex orandi lex credendi, Triune, Consubstantial, Divinity, Nicene Creed

# YEAR 7 CITIZENSHIP Term 3

**1. Local government research:** Research and write a summary of how your local area (Rochester/Chatham/Gillingham) is governed:

- name the local council,
- what services they provide (e.g. waste collection, planning, schools, local events),
- who your local councillors are.

**Week 4: Design a leaflet or poster** aimed at encouraging people (your friends, family or people in the community) to participate in local elections.

Include at least 3 reasons why people's votes are important.

## Week 2: Compare the jobs of the local and national government

Create a two-column table: on one side list what local government does and on the other what national government does. Give examples of jobs for each (e.g. local: waste collection and national: defence)

## Week 5. What do people think about local democracy?

Interview 3–5 people you know (family, friends or teachers) and ask questions like: “Do you know who your local councillors are?”, “Have you ever voted in local elections?”, “What local issues do you think need more attention?”, “Do you think local government listens to ordinary people?”

Write their answers down and work out if most people know about their local government.

**Week 3: Imagine a local problem in your area** (e.g. lack of a playground, poor street lighting, need for recycling bins, traffic danger).

Write a short note to the council arguing about the problem and giving possible solutions.

## Week 6:

Rochester needs more free sports facilities for teenagers. Write a letter to Medway council saying how a new swimming pool will benefit the local teenagers.

**Key vocabulary:** Democracy, government, council, election

# History

## Week 1:

Begin your independent research homework. This is a Term Three task. Make sure your work is detailed and well presented.

Challenge yourself by completing the extra reading task.

## Week 5:

Continue with your independent research homework. This is a Term Three task. Make sure your work is detailed and well presented.

Challenge yourself by completing the extra reading task.

## Week 2:

Continue with your independent research homework. This is a Term Three task. Make sure your work is detailed and well presented.

Challenge yourself by completing the extra reading task.

## Week 6:

Continue with your independent research homework. This is a Term Three task. Make sure your work is detailed and well presented.

Challenge yourself by completing the extra reading task.

## Week 3:

Continue with your independent research homework, this is a Term Three task. Make sure your work is detailed and well presented.

Challenge yourself by completing the extra reading task.

## Key Vocabulary:

*History, Historian, Evidence, Analysis, Evaluation, Source, Primary, Secondary, Change, Continuity, Cause, Consequence, Similarity, Difference, Significance, Judgement, Context, Research, Visual, Textual*

## Week 4:

Continue with your independent research homework. This is a Term Three task. Make sure your work is detailed and well presented.

Challenge yourself by completing the extra reading task.

# Year 7 Geography

## Overview:

In this term you are going to be completing an independent project on our current topic, Ecosystems. This can be presented in any way you would like. A popular choice is often an informative booklet. Each week you will have a page to add.

## Week 4:

Tropical rainforests – Where are tropical rainforests and what are they like? You might like to include a climate graph and describe the different layers of the rainforest.

## Week 1:

Introduction – What are ecosystems and biomes? Produce a map to show where the worlds major biomes are. Try to include at last 2 facts for each biome. You might like to focus on 2 biomes such as deserts and tropical rainforests.

## Week 5:

Tropical rainforests – how do we use them? You might want to research into deforestation in Malaysia or diamond mining in Peru.

Challenge: try to explain what damage can be caused by humans using these areas.

## Week 2:

Desert – Where are deserts and What are deserts like? You might like to include a climate graph and describe the difference in temperature between day and night.

## Week 6:

Strange animals – for a biome of your choice, research at least 3 animal that live in the biome. You can include pictures or sketches. Explain how they survive and what special adaptations they have developed to help them cope with the climate.

## Week 3:

Deserts – how do we use them? You might want to research into Dubai, a city in the desert. You might like to look into solar energy farms in Algeria or mineral extraction in Australia.

Challenge: try to explain what damage can be caused by humans using these areas.

## Key Vocabulary:

Ecosystem, Biome, Biosphere, Desert, Rainforest, Tropic or Cancer, Tropic of Capricorn, Biodiversity.

# French – Topics to study and HW

Week 1:

**WR:** Describe your favourite subjects.

Week 5:

Write about your **free time activities**.

Week 2:

**Revise for Writing Assessment and Vocabulary tests.**

Week 6:

How would you describe the sports you do?

Week 3:

Leisure and hobbies. – Study words for **Vocab Test**

Week 4:

Can you describe your hobbies?

**Key Vocabulary:** **Jouer:** Je joue, tu joues il/elle fait  
**Faire:** je fais, tu fais, il/elle fait

# Art and Design Year 7 Term 3

## Week 1:

Research the work of artist Helen Wells. Produce one A4 sheet or a PowerPoint slide that includes images of her work and some information about her and the sort of work she does. Please include your own opinion of the work.

## Week 4:

Research life in coral reefs. Produce an A4 page or a PowerPoint slide that includes images and information about coral reefs.

## Week 2:

Create a piece of work that is inspired by the art of Helen Wells. Use line and shape to create your own black and white composition.

## Week 5:

Watch the following video tutorial:

[Let's Paint Under the Sea | Watercolor Painting Tutorial by Sarah Cray of Let's Make Art](#)

## Week 3:

Look at your black and white Helen Wells inspired composition from last week. Please create a version of this or part of it using colour. You could use collage pens, paint, crayons etc., depending on what materials you have access to.

## Week 6:

Research the work of artist Yellana James. Produce one A4 sheet or a PowerPoint slide that includes images of her work and some information about her and the sort of work she does. Please include your own opinion of the work.

## Key vocabulary:

Line, pattern, shape, composition, critical study, sea forms