



St. John Fisher
CATHOLIC COMPREHENSIVE SCHOOL

Independent Learning

Year 9

Term 5



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.

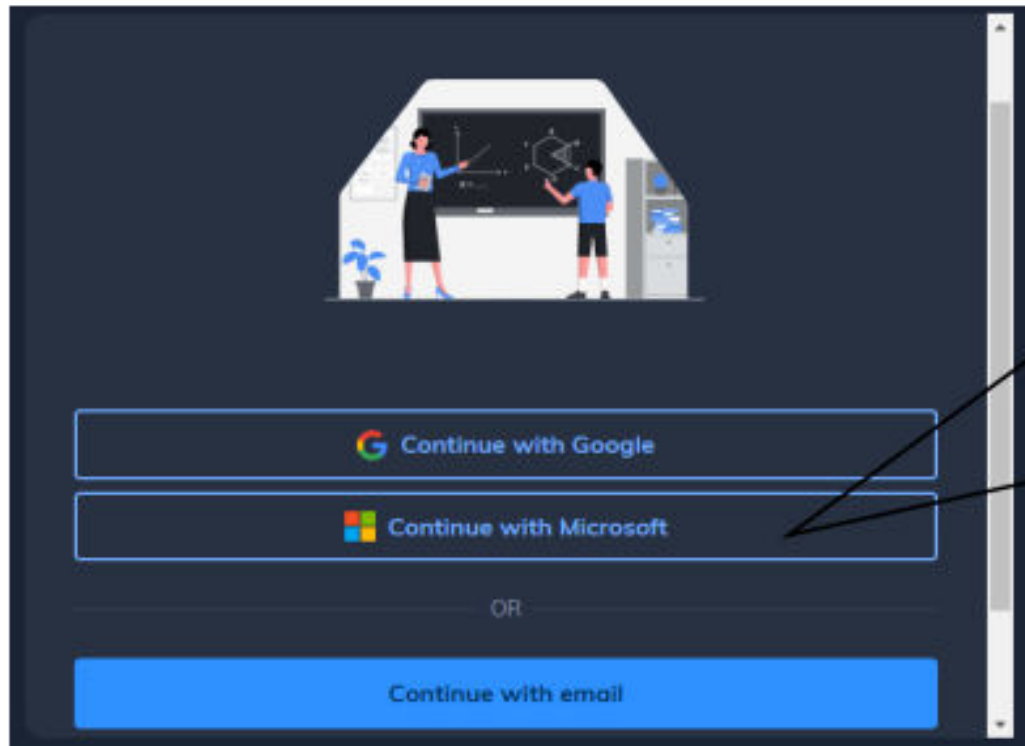
How to research and learn independently:

- 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 Year 9 (MS)

Week 1:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on STRAIGHT LINE GRAPHS

Having log in issues?

Email: e.nyantakyi@stjohnfisher.school

Week 4:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: MUTUALLY EXCLAUSIVE EVENTS AND
EXPERIMENTAL AND THEORETICAL PROBABILITY

Having log in issues?

Email: e.nyantakyi@stjohnfisher.school

Week 2:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: SIMULTANEOUS EQUATIONS

Having log in issues?

Email: e.nyantakyi@stjohnfisher.school

Week 5:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: SAMPLE SPACE DIAGRSMS AND VENN
DIAGRAMS

Having log in issues?

Email: e.nyantakyi@stjohnfisher.school

Week 3:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: QUADRATIC GRAPHS AND NON-LINEAR
GRAPHS

Having log in issues?

Email: e.nyantakyi@stjohnfisher.school

Key vocabulary: Straight line, Simultaneous equations, Quadratic graphs, Non-linear graphs, Mutually exclusive events, Experimental Probability, Theoretical Probability, Sample space diagrams, Two-ways table, Venn diagrams,

Mathematics Year 9 (GS)

Week 1:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: Angle properties of triangles and quadrilaterals

Having log in issues?

Email: 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

Week 2:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: Interior angles of a polygon

Having log in issues?

Email: 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

Week 3:

HOMEWORK

Log into Sparx Maths using the provided log in detail.

Complete the task set on: Exterior angles of a polygon

Having log in issues?

Email: e.nyantakyi@stjohnfisher.school

Key vocabulary: Quadrilateral, Square, Rectangles, Parallelogram, Kite, Trapezium, Corresponding angles, Alternate angles, Interior angles, Exterior angles, Interior angles, Polygon, Pentagon, Hexagon, Heptagon, Octagon, Nonagon, Decagon, Pythagoras, Trigonometry

ENGLISH YEAR 9

Week 1:

Complete the “The Magic of Poetry” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 4:

Complete the “Exploring Literary Techniques and Perspectives” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 2:

Complete the “Exploring Culture and Identity Through Poetry” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Week 5:

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

This will be marked automatically by Seneca Learning.

Week 3:

Complete the “Exploring Culture and Identity Through History” assignment on Seneca Learning.

This will be marked automatically by Seneca Learning.

Key Vocabulary:

Culture / Identity / Perspective / Interpretation / Perception / Societal

Science

Week 1:

Complete Seneca Learning Assignment.

This will be marked by Seneca.

Week 4:

Complete Seneca Learning Assignment.

This will be marked by Seneca.

Week 2:

Complete Seneca Learning Assignment.

This will be marked by Seneca.

Week 5:

Complete Seneca Learning Assignment.

This will be marked by Seneca.

Week 3:

Complete Seneca Learning Assignment.

This will be marked by Seneca.

Key Vocabulary: nucleus – proton – neutron – electron – electron shells – electron arrangement – isotope – relative atomic mass – group 1 – boiling point trend – reactivity trend – group 7 – alkali metals – halogens – nobel gases – group 0 - inert

Religious Education – Year 9 Term 5

Week 1: Becoming a Christian

Becoming a Christian in the 1st century meant leaving behind familiar customs and practices of the past.

Imagine you are being sent to Mars on the next space shuttle. Write a paragraph explaining the things you will miss most and what you are most excited to experience in your new home.

Week 4:

Revise for assessment

Week 2: Why should you 'empty your backpack?'

Watch the clip and respond to the questions:

[Empty Your Backpack - Sam Demma](#)

1. What does 'empty your backpack' mean?
2. How do others' opinions influence how we see ourselves?
3. What examples from your own life of carrying someone else's words can you think of?
4. What practical steps can someone take to strengthen their self-belief in everyday life?

Week 5: Create a fact file – poster – ppt

Research Lourdes.

Create a leaflet, fact file, poster or ppt on Lourdes.

Make sure you include: What happened, who was involved, why do people visit there today?

Add anything you think might be relevant to teach someone else about it.

Week 3: Acts of kindness

Watch the clip and respond to the questions:

[The Science of Kindness](#)

1. What is one of the factors that influences long-term happiness?
2. How does practicing kindness affect the brain?
3. What simple daily habit helps improve overall wellbeing?
4. Name 2 things you could do today/tomorrow to be kind to someone else?

Key Vocabulary:

Subject Computing Y9

Week 1:

Goal: Learn how to ask the database for specific information. **The Challenge:** Write a query to show only the Title and Price of every game in the table. **Why it works:** It teaches them that they don't always need "everything" (\$*\$)—sometimes they just need specific "columns."

Week 4:

Learn how to change existing information. **The Challenge:** A game called "Space Quest" just went on sale! Change its Price from £50 to £25 in the database. **Safety Tip:** Remind them to always use a WHERE clause, or they might accidentally make every game in the store £25!

Week 2:

Goal: Use filters to narrow down results. **The Challenge:** Find all games that cost less than £20. **Bonus:** Can you find all "Action" games that cost less than £20? (Hint: Use AND).

Week 5:

Get "big picture" stats using math functions. **The Challenge:** Use the COUNT function to find out how many total games are in the database. **Pro Version:** Use AVG to find the average price of all the games.

Week 3:

Organize data so it's easy to read. **The Challenge:** List all the games in the database, but sort them so the newest games (by ReleaseYear) are at the top. **Why it works:** It introduces sorting logic, which is how every "Sort by: Newest" button on a website works.

Week 6:

Think about how data is structured. **The Challenge:** Design a brand new table for a Social Media App. What 5 columns would you need to store information about a "User"? **Example Answer:** Username, Email, JoinDate, FollowerCount, and ProfileBio.

Key vocabulary: database, SQL, Query, Report, Dataset, layout, structure

CITIZENSHIP – Yr9 Term 5

Week 1 :

“My Voice in School”

Write 5–6 sentences answering:

What is school democracy?

One way students can share their opinions (e.g. school council)

One thing you would change in your school

Challenge: Explain why your idea would help others

Week 4:

“Ways to Be Heard”

List 4 ways people can influence decisions (e.g. protests, petitions)

Pick one and explain: How it works. Why it can be effective

Week 2: “Local Issues Around Me”

List 3 problems in your local area (e.g. litter, transport)

Pick one and answer:

Why is it important?

Who could fix it? (e.g. council)

Week 5:

“Real-Life Change”

Think of a change you’ve seen (school, home, or community)

Write: What changed?

Who made it happen?

How it improved things

Week 3:

“For or Against?”

Write: One reason for lowering the voting age

One reason against

Then write your opinion (5-6 sentences)

Key Vocabulary: democracy, local, community

History

Week 1: Topics to choose from: Life in Nazi Germany, The Holocaust, The Dunkirk evacuations

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

Challenge yourself by completing the extra reading task.

Week 4:

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

Challenge yourself by completing the extra reading task.

Key Vocabulary:

Secret police, Gestapo, fear, propaganda, anti semitism, Ghetto, discrimination, concentration camp, Prime Minister, Navy, Fleet, Community spirit, evacuation

Geography

Week 1:

Complete set tasks on SENECA

This will be marked online

Week 4:

Complete set tasks on SENECA

This will be marked online

Week 2:

Complete set tasks on SENECA

This will be marked online

Week 5:

Complete set tasks on SENECA

This will be marked online

Week 3:

Complete set tasks on SENECA

This will be marked online

Key vocabulary: India, NEE, renewable, non-renewable, development, natural resources, Accessibility,

French Year 9

Week 1:

Revision for Term 5 Assessment

Week 5:

Writing Task - School subjects + opinions

Week 2:

Vocab Test to be set on Teams

Week 3:

Grammar Test to be set on Teams

Week 4:

Vocabulary Test to be set on Teams

Key Vocabulary: l'école, le college, mes matières, ma matière préférée

Latin - Year 9 – Term 5

Week 1 - Translation

in apodytēriō p.122

Week 4 – Translation

controversia – page 138

Week 2 - Vocabulary Test

palaestra
apodyterium
tepidarium
caldarium
frigidarium

Week 3 : Roman life Poster – Roman Baths

Week 5 – Vocabulary Test

Navem = ship

ingens= huge

conspexit =

took sight of

Vero = true

postulavit = asked

inimici - enemies

Invenit = found

delevit = destroyed

verberabant = beat

Key vocabulary: palaestra, thermae, taberna, apodyterio, controversia

Art and Design Year 9 Term 5

Week 1:

Create a mind map of everyday objects. Be creative with the presentation of your mind map.

Week 4:

Take close up photographs of a range of everyday objects. Present your photographs on a PowerPoint slide.

Week 2:

Research shoes in Still Life painting. Present images and information on a PowerPoint slide.

Week 5:

Make a careful drawing from one of your everyday object photographs.

Week 3:

Research shoes across history and in different cultures. Present images and information on a PowerPoint slide.

Key Vocabulary: Still life, shoe design, biro drawing, recycling, inanimate objects, composition, mind mapping, natural, man-made, other cultures

Drama – Year Nine Term 5

Week 1: Brecht Plays

As well as being a theatre practitioner, Bertolt Brecht wrote many plays. Do some research into one of them and produce for me a information pack about this play, telling me about its original production and the meaning behind it.

Week 2: Gestus

Using a mirror to help you, practice a series of different Gestus. Make sure that this movement is exaggerated in order to really bring out the over the top nature that Brecht intended through his work.

Week 2: Epic Theatre - Summary

We have now reached the end of your work on Epic Theatre. Write out a summary of what you have learned on this topic, and what you think was particularly impressive about your own work.

Week 3: Banksy

We are using some of the work of the street artist Banksy in our lessons. Research another piece of artwork that he has done and find out what his political meaning for creating the piece is.

Week 1: Bertolt Brecht

This term we are studying Bertolt Brecht. Write a mini fact file about Brecht explaining where and when he was born, when he died, what his thoughts were about theatre, and five of the plays that he wrote.

Key vocabulary: Epic theatre, Political Theatre, Gestus, Exaggeration, Placards, Freeze Frames, Tableaux

Music

Week 1: Choose a song for keyboard that will challenge your skills

Week 4: Add in the chords and left hand accompaniment to your song

Week 2: Practise a major scale eg C or G using the correct fingerings learnt in class

C D E F G A B C

1 2 3 1 2 3 4 5 and down the same way

Week 5: Play with both hands lead sheet style

Week 3: Practise playing your chosen song 10 minutes on at least 3 days of the week

Week 6: Prepare for a performance adding in backing beats, dynamics and expression . Evaluate the progress you have made.

Key vocabulary: correct fingers practice chords lead sheet dynamics expression

Physical Education –Term 5 - Homework Tasks

Week 1: Running on a bend

Watch the following video on how to run around the bend correctly.

<https://www.youtube.com/watch?v=j1edyroDzMY>

Week 4: Advanced changeover in relay

Watch the following video on analyzing relay changeovers and evaluate the movements

<https://www.youtube.com/watch?v=QrFfOKf06Pk>

Week 2: SAFETY FIRST - Shot put technique

Watch the following video on the shot-put throwing technique

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

Week 5: High jump (Frosby flop)

Watch the following video on the “frosby flop” in high jump

<https://www.youtube.com/watch?v=CIsVe-WQF-g>

Week 3: SAFETY FIRST - Throwing the javelin

Watch the following video on throwing the javelin

https://www.youtube.com/watch?v=5Ro_65dDQHI

Week 6:

Watch the following footage from the 2025 world championships and pay close attention to the technique – you’ll need it for Sports Day 2026!

<https://www.youtube.com/watch?v=ia2iKD6JPyo>

Key vocabulary:

Track, field, relay, baton, high jump, long jump, javelin, shot put, sprint start, acceleration, momentum, footwork.