

# Year 10

**Mid-Year  
Assessment  
Countdown  
Booklet  
2024/25**

Head of Year  
**Mrs Bibby**

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# A Message from Ms Milner

Dear Student,

## Year 10 Mid-Year Assessment

This booklet has been put together to help you prepare fully for your Y10 Mid-Year Assessments which are taking place from the 13th-17th January. At this point you will be a quarter of the way through your GCSE courses and we hope these assessments will be a good opportunity for you to demonstrate how much you have learnt so far.

Your teachers will use your results to see whether you are working towards your full potential and to identify areas where you may need support to do so. As a result, it is critical that you prepare yourself fully to show your best on these assessments.

Use the following pages to form a revision timetable which will ensure you have looked over all the relevant information before your exam. If you are not sure about any of the topics or content listed then please speak to your teacher and ask for more guidance. They will be happy to help!

When revising try to use a variety of strategies and formats to help you. This could include making mindmaps, writing out key term definitions (and testing yourself!), doing practice questions on Seneca or Sparx, making flashcards with key facts, watching Youtube videos and much more. When used together they will ensure you are fully prepared for your assessments. Don't forget to also use your knowledge organisers. Have a look for more tips on BBC Bitesize by following this link [Top revision techniques for exams - BBC Bitesize](#)

Remember, the effort that you put in will be reflected in your achievements. In the long-term working hard now will put you in an excellent position for your End of Year Assessments, into Year 11 mocks and finally your GCSE's. We are all here to support you to achieve your full potential and if you need any additional guidance or have any concerns please speak to your subject teacher, form tutor or Head of Year.

All the best,



Miss Milner

**Assistant Principal**

# Top Revision Tips

- **HABIT** - Get into the habit of working in a regular routine.
- **PLAN** - Plan your weekly revision, homework and leisure time on the timetables provided. Make sure you can realistically keep to the schedule that you have planned.
- **PLACE** - Make sure that you work in the best possible environment:
  - The room should be well lit to reduce eye strain
  - Quiet with few distractions – no TV or Phones. Sit on a chair at a table or desk rather than lounging on your bed or so close to a window that you might get distracted.
  - Identify a set time and place for studying – most people study best in the mornings and evenings, but you need to work out the best time for yourself.
- **ORGANISATION**
  - Be fully prepared. Books, paper, pens, drinks etc. should all be organised before you start.
  - Break each subject down into manageable chunks so that you can read over a topic once or twice in about 20 to 30 minutes. If you come across topics that you really don't understand, make a note of them and ask the subject teacher for help.
- **VARIETY** - Get some variety into your revision. Vary your use of revision materials: notes, revision cards, books, websites, podcasts and videos. Keep a record of what you have done in this booklet to make sure you cover all topics and don't avoid the more difficult ones.
  - Begin your revision by re-reading your notes from the previous session. This will improve your recall. At the end of the week revise the whole week's work. Revision should involve checking your notes and writing down the main points may help you learn them more than you would by just reading them.
  - As the exam draws nearer have 'key words' which trigger your memory.
  - Saying things out loud can help you to learn and can improve your use of appropriate vocabulary. It is important to test yourself after each piece of work. Identify some questions you might think will be on the paper and write an outline answer for each one.
- **RELAX** - Try to stop revising at least an hour before you go to bed. Relax to help you sleep. Working late will make you feel tired the next day. Only watch TV programmes that you enjoy rather than to fill in time. Get up early to make good use of your time.
- **HONESTY** - Always be honest with yourself. Teachers can help you but they cannot do the work for you. Ask for help when you need it.
- **PERSEVERE** - Don't give up: it really is not a long time and it will be worth it! Good luck!

# English Language

## English Language Paper 1 – 1hr 45 minutes – 80 marks

### Section A – 1 hour

Creative reading and writing

There will be 4 questions on the reading section of this paper:

Question 1 – write down 4 things you learn – 4 marks

Question 2 – How does the writer use language to...? - 8 marks

Question 3 – How does the writer structure the text to interest you as a reader? (8 marks)

Question 4 – ‘A student having read this said: ‘\_\_\_\_\_’ How far do you agree? - 20 marks

### Section B – 45 minutes

- Students will be asked to create a narrative or a descriptive piece, they will be given an image, a title or a sentence as a stimulus. They must practise their writing regularly at home.

Here is a QR code you could refer to when revising for this paper:



# Maths

## Maths Paper – 90 minutes - 80 marks

### Mid-Year Calculator Assessment

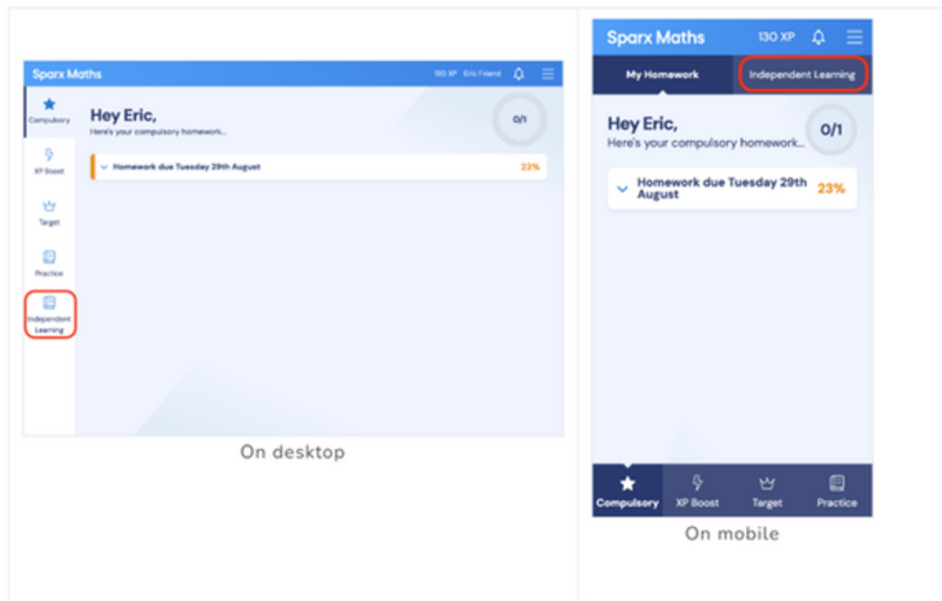
Unit	Topic	Sparx topics – highlight as you complete these clips using the independent learning function
F1	Solving equations and rearranging formulae	U755, U325, U870, U505, U556, U221, U373
F2	Linear Graphs	U789, U741, U933, U889, U638, U669, U315, U377, U477, U848, U862 (U898 higher only)
F3	Linear Simultaneous Equations	U760, U757, U836, U137
F4	Volume 2	U786, U174, U915, U543 ( U350, U426, U617, U116, U484 higher only)
F5	Compound Measures	U914, U462, U896, U902, U388, U248, U468, U151, U256, U403, U910, U527
F6	Quadratics – graphical	U989, U667, U601, U178, U963
F7	Quadratics - algebraic	U228 (U178, U960, U589, U665, U150, U103, U437, U294, U685, U457, U824 higher only)

# Maths

## Revising Independently with SPARX

### STEP ONE: Finding independent learning

When you log in you will see the independent learning feature in the top right hand corner (circled in red below).



You can choose to work on any topic by:

- Typing one of the following in the Search for topics field:
  - The name of a topic
  - A keyword
  - A code given to you in the list on page 5.
- Browse the content by clicking on one of the main Strands.

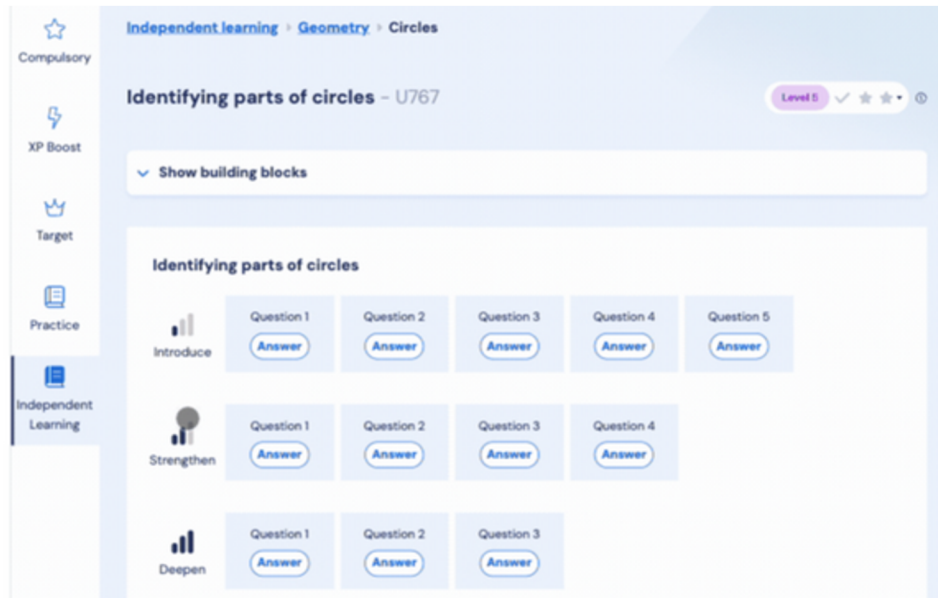
### STEP TWO: Choosing the right work

The difficulty level will be in line with that of your normal homework.

You can choose to complete questions that introduce the topic if you don't remember much about it, strengthen the topic if you need a recap or deepen the topic if you are looking to increase your knowledge.

## Revising Independently with SPARX

An example of this is shown on the right with the topic of circles.



You will see the difficulty level is set to 5 (in the top right corner) but you can change this if you are finding questions too hard or too difficult.

# Combined Science

**Science Paper – 2 x 50 min exams covering all topics below. Total of 100 marks. Calculators and Periodic Tables provided.**

## **Paper 1 – Biology : B1 Cells**

- plant and animal cells
- microscopes
- transport in cells
- cell cycle and stem cells

## **Paper 2 – Physics: P1 Energy,P3 Particle Model**

- energy stores and transfers
- GPE/KE
- work done
- power
- SHC
- energy resources

## **Paper 1 - Chemistry: C1 Atomic Structure**

- separation techniques
- structure of atom
- isotopes
- periodic table development
- group 1, 7 and 0

## **Paper 2 – Physics: P2 Electricity**

- current, resistance and potential difference
- Series Circuits
- Parallel Circuits
- Component characteristic practical's
- Electricity in the home

## **Paper 1 - Chemistry: C2 Bonding**

- Ionic bonding
- Ionic compounds
- Covalent bonding
- Covalent structures
- Metallic bonding

## **Physics: P3 Particle Model**

- particle model
- density practical
- internal energy
- specific latent heat
- gas pressure

**The questions will be a mixture of the following types of questions:**

- **1–2 Marks** Definitions, gap fills, match-up tasks and tick box questions
- **2–3 Marks** Descriptions, simple calculations and graph skills
- **3–4 Marks** Explanations and extended calculations
- **5–6 Marks** Extended writing questions linked to Required Practical Activities, multi-step calculations and compare, evaluate or explain tasks.



# Separate Science

**Exam Format:** 3 x 1 hour 15 min exams covering all topics below. Calculators and Periodic Tables provided.

**Topics to be covered in the exam:**

## Paper 1

### Biology: B1 Cells

- Plant and animal cells
- Microscopes
- Transport in cells
- Cell cycle and stem cells

### Biology: B2 Organisation

- Food Tests
- Enzymes & Digestion
- The Lungs and The Heart
- Blood & Blood Vessels
- Organisation in Plants
- Noncommunicable Disease

## Paper 2

### Chemistry: C1 Atomic Structure

- Separation techniques
- Structure of atom
- Isotopes
- Periodic table development
- Group 1, 7 and 0

### Chemistry: C2 Bonding

- Ionic bonding
- Ionic compounds
- Covalent bonding
- Covalent structures
- Metallic bonding

## Paper 3

### Physics: P1 Energy

- Energy stores and transfers
- Gravitational potential and Kinetic energy
- Work done
- Power
- Specific Heat Capacity
- Energy resources

### Physics: P2 Electricity

- Current, resistance and potential difference
- Series Circuits
- Parallel Circuits
- Component characteristic practical's
- Electricity in the home

### Physics: P3 Particle Model

- Particle model
- Density practical
- Internal energy
- Specific latent heat
- Gas pressure

**The questions will be a mixture of the following types of questions:**

- **1 – 2 Marks** Definitions, gap fills, match-up tasks and tick box questions
- **2-3 Marks** Descriptions, simple calculations and graph skills
- **3-4 Marks** Explanations and extended calculations
- **5-6 Marks** Extended writing questions linked to Required Practical Activities, multi-step calculations and compare, evaluate or explain tasks.

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# Geography

**Geography Paper – 1 x 55 minute exam covering Natural Hazards and Living World. 48 marks total.**

## Topics Covered:

### Living with Natural Hazards

- Natural hazards
- Plate boundaries
- Tectonic hazards in contrasting countries – Chile and Nepal
- Managing tectonic hazards
- Tropical storms
- UK weather hazards

### Living World

- Biomes and locations
- Tropical rainforests
- Tropical rainforests adaptations
- Tropical rainforests deforestation and management

## REVISION

- Complete the revision topics and practice exam questions set on Seneca
- Use BBC Bitesize – Geography – AQA
- Make revision mind maps and notes to supplement your learning.
- Choose the 'Living with Natural Hazards' and 'The Living World' topics.
- <https://www.bbc.co.uk/bitesize/topics/zcdrbk7>

# History

## History Paper – 1 hour Germany mock exam paper. 40 marks total.

### Exam Questions Asked:

- Q1) How is Interpretation B different to Interpretation A about... (4 marks)
- Q2) Why is Interpretation B different to Interpretation A about... (4 marks)
- Q3) Which interpretation do you find more convincing about... (4 marks)
- Q4) Describe 2... (4 marks)
- Q5) In what ways were.....affected by.... (8 marks)
- Q6) The bullet point question (12 marks)

### Topics Covered:

- Germany before World War One
- Impact of WW1 on Germany
- Weimar Republic– Problems
- Treaty of Versailles
- Weimar– Economic/Political Problems
- Munich Putsch
- Stresemann Years
- Why people voted for Hitler
- Who voted for the Nazis
- Hitler's Consolidation of Power
- Hitler and Young People
- Hitler and the Church
- Women in Nazi Germany
- Economic Changes in Nazi Germany
- Propaganda
- Fear and Terror
- Jews/Holocaust
- Resistance to the Nazi

## REVISION

- Use the revision guide to complete the points test
- Complete the revision topics and practice questions set on Seneca
- Use your knowledge organiser for key terms and dates

# French

This year, year 10 have been studying a brand new French GCSE specification with Pearson Edexcel. For the mid-year assessments in January 25, they will be sitting three papers. Currently, there will be no tiers, and the papers will be a hybrid version of both tiers for all students to attempt to the best of their ability.

These papers are:

	Duration	Location
<b>Paper 1- Reading and Listening</b>	45 minutes: A- Listening dictation (each line repeated 3 times) B- Reading comprehension	In classrooms under exam conditions to ensure the best sound quality.
<b>Paper 2- Writing</b>	45 minutes: A- Photo card B- Sentence translations C- 90 to 130 words essay	Sports hall
<b>Paper 3- Speaking</b>	1 hour: 1. Read aloud task- 2 Questions 2. Photo description- 2 Questions  (7 minutes preparation time, 2x 5 minutes to perform each)	In lesson in pairs with feedback sheet

## What to revise

All papers will be testing the topics covered so far in the course:

- **Lifestyle and wellbeing** (Sport, Free time, Healthy Lifestyle, Wellbeing)
- **Media and Technology** (TV programmes, Films, Technology)
- **My personal world** (family, friends, free time with friends, personal plans)

## How to revise

All students have been provided with their own personal login details for **Languagenut.com**, an accelerated learning platform for MFL. Homework assignments have been set mainly on this platform. Each student has been provided with a **French General Conversation Questions Booklet** for the Speaking/Writing exam along with Sentence builders to support them in populating personal answers for each question on all the topics so far. Other excellent resources can also be found on **Senecalearning.com**.

# Timetable

	Monday 13th January	Tuesday 14th January	Wednesday 15th January	Thursday 16th January	Friday 17th January
Registration and Revision (8.00am)	English	Science	Science	French	Triple Science
Period 1 Exam Start 9.00am	Y10 English (1 hour 45 mins)	Y10 Maths (F – 1 hour, H – 1.5 hours)	Year 10 Science 2 (1 hour 15 mins)	History (1 hour)	Triple Science (1 hour 15)
Period 2					
Break					
Period 3	French booster (10D in French)	Y10 Science 1 (1 hour 15)	Geography booster (10A in Geography)		
Period 4	French Writing (45 mins))		Geography (1 hour)		
Lunch					
Period 5					
Revision (3.00pm-4.00pm)	Maths	Science	History*	Science* or Music*	

# My Revision Planner

Week: .....

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am							
10am							
11am							
12am							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							
9pm							

# My Revision Planner

Week: .....

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am							
10am							
11am							
12am							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							
9pm							

**Good  
Luck!**



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DO IT**

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