

Science Revision

Combined Science

Truth

Resilience

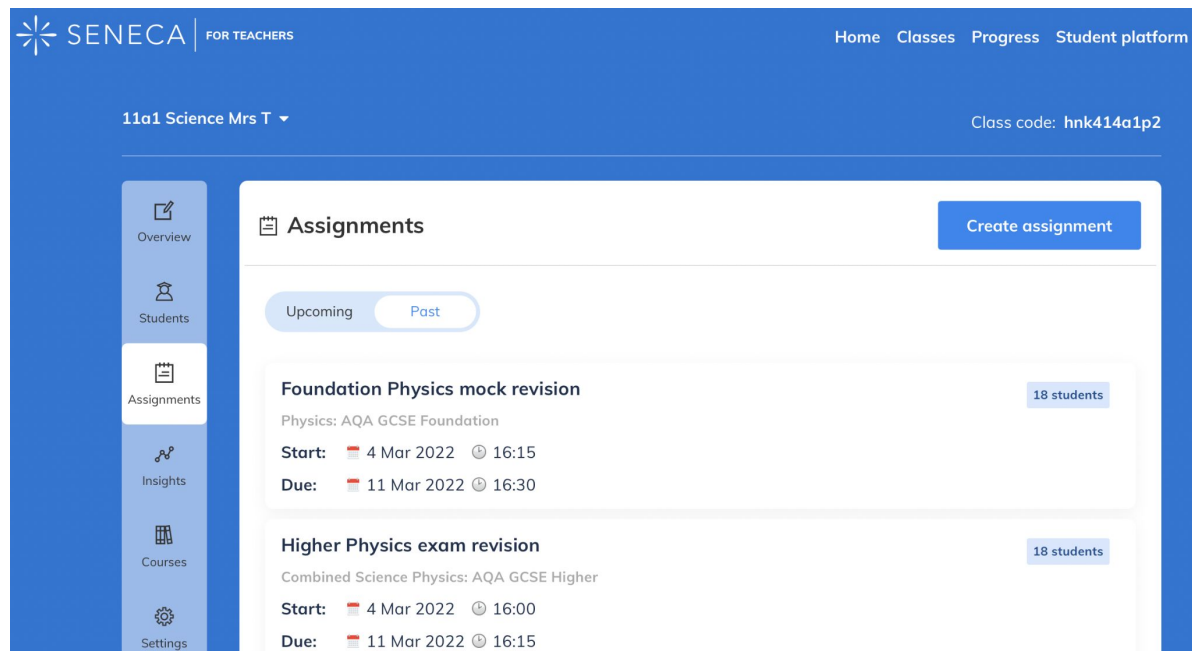
Ambition

Community

Kindness

Useful Resources - Seneca

Check your seneca classroom regularly, your teachers will be putting assignments on their for you ahead of each of your exams.



The screenshot shows the Seneca 'FOR TEACHERS' interface. At the top, there's a blue header with the Seneca logo and navigation links: Home, Classes, Progress, and Student platform. Below the header, the user is logged in as '11a1 Science Mrs T' with a dropdown arrow, and the class code 'hmk414a1p2' is displayed. A left sidebar contains icons for Overview, Students, Assignments (which is highlighted), Insights, Courses, and Settings. The main content area is titled 'Assignments' and has a 'Create assignment' button. It features two tabs: 'Upcoming' (selected) and 'Past'. There are two assignment cards listed: 'Foundation Physics mock revision' and 'Higher Physics exam revision'. Each card shows the subject, start and due dates with time, and the number of students (18 students for both).

SENECA | FOR TEACHERS

Home Classes Progress Student platform

11a1 Science Mrs T ▼

Class code: hmk414a1p2

Overview

Students

Assignments

Insights

Courses

Settings

Assignments

Create assignment

Upcoming Past

Foundation Physics mock revision

Physics: AQA GCSE Foundation

18 students

Start: 4 Mar 2022 16:15

Due: 11 Mar 2022 16:30

Higher Physics exam revision

Combined Science Physics: AQA GCSE Higher

18 students

Start: 4 Mar 2022 16:00

Due: 11 Mar 2022 16:15

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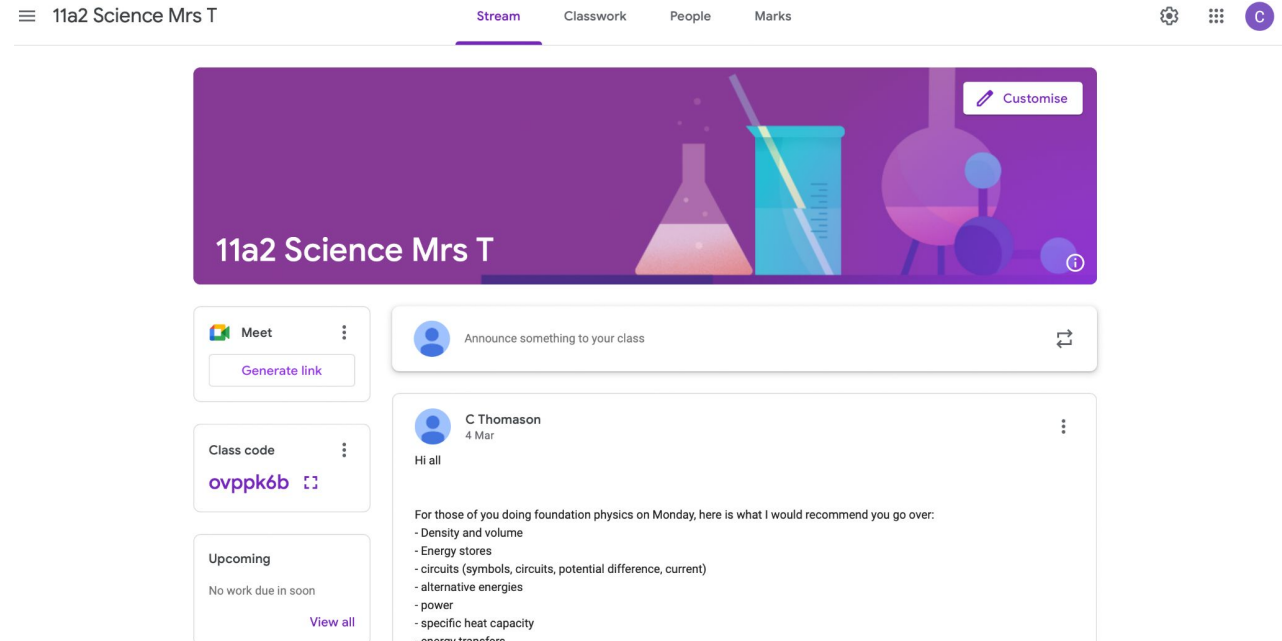
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Useful Resources - Google Classroom

Any additional revision resources will be available for you on here including topic summaries, revision booklets and past paper questions.

Your teachers
will be posting
past paper
questions and
answers to help
with your
revision.



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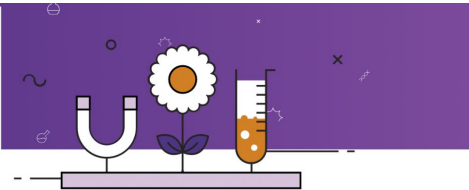
Useful Resources - BBC Bitesize

Make sure you are using the 'Combined Science' resources. You will have access to web pages as well as podcasts and videos that can help you on various topics.

GCSE AQA Trilogy

Combined Science

Part of **Combined Science**



Sign in, save time

We'll remember what you've looked at so you can jump back in.

[Sign in](#) or [Register](#) to personalise your Bitesize now.

Topics

Biology (Combined Science) >

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response

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Topic Summaries

This is the best place to start your revision, each module has been separated into a 'I can' statement and split into essential, stretch and challenge.

Foundation - essential and stretch

Higher - all

	Statement			
E s s e n t i a l	I can draw an animal cell.			
	I can draw a plant cell.			
	I can label an animal cell.			
	I can label a plant cell.			
	I can draw a bacterial cell.			
	I can label a bacterial cell.			
	I can state the role of all <u>sub-cellular</u> organelles.			
	I can state what a unicellular organism is.			
	I can explain what a multicellular organism is.			
	I can label a light microscope.			
	I can state what a differentiated cell is.			
	I can give 3 examples of differentiated animal cells.			
	I can give three examples of differentiated plant cells.			
	I can state how to correctly use a light microscope.			
	I can use the magnification equation including rearranging it.			
	I can state what a chromosome is.			
	I can recall where chromosomes are found.			
	I can recall how many chromosomes are found in a cell.			

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DRIP Sheets

Don't forget to use your DRIP sheets. These are broken down into each exam. They have the questions and the answers so are great for revising with friends, with family or even on your own. Cover up the answers and try each question on your own.

BIOLOGY PAPER 1

Biology PAPER 1 DRIP SHEETS

(Directed Revision Invested by Parents)

CONTENTS

●(B1) Cells

●(B2) Organisation

●(B3) Infection and control

●(B4) Bioenergetics

BIOLOGY PAPER 1

DRIP SHEETS

(Directed Revision Invested by Parents)

Parents and carers often ask us how they can help the students prepare for their science exams. DRIP sheets are a way to get parents involved with the revision process. The essential facts needed for the science exams can be memorised together. This booklet contains all the science facts for the GCSE.

Before each module we have included a personalised learning checklist so that each student can check their progress.

B1 Cell biology

DRIP QUESTIONS

Spec	QUESTION	ANSWER	TIC K
S p e c i f i c a t i o n 4 . 1 . 1	Describe what eukaryotic cells (plant and animal cells) have in common	<ul style="list-style-type: none">• cell membrane• cytoplasm• Genetic material enclosed in a nucleus	
	Describe what prokaryotic cells (bacterial cells) have in common	<ul style="list-style-type: none">• Cytoplasm• A cell membrane surrounded by a cell wall• The genetic material is not enclosed in a nucleus	
	Plasmids are found in prokaryotic cells. What are they?	It is a single DNA loop There may be one or more small rings on this loop of DNA	

CHEMISTRY paper 1

CHEMISTRY PAPER 1 DRIP SHEETS

(Directed Revision Invested by Parents)

CONTENT

●(C1) Atomic structure and the periodic table

●(C2) Bonding, structure, and the properties of matter

●(C3) Quantitative chemistry

●(C4) Chemical changes

●(C5) Energy changes

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