



Y7+8 INFORMATION EVENING

SCIENCE



GROUPINGS + PATHWAYS



Y7

- Students are initially taught in forms
- After the first topic (particles), students are split into bands based on attainment
- This will allow students to be taught at appropriate pace and those who need more support to be taught in smaller classes.
- Students are taught by one/two teachers for the whole year, with that teacher covering all topics
- All students cover the same content over the year





Y8

- Students continue in bands, based on their attainment in science in Y7.
- Students are now taught one lesson a week for Biology, Chemistry and Physics.
- By teachers who teach that subject up to GCSE or A level





GCSE choices - spring term of Y8

- Choice of:
- Combined science and another option subject
 - Combined science is worth two GCSEs
 - Get a grade based on the combined total of exam scores in all three sciences
- Triple science as a GCSE option
 - Worth 3 GCSEs – Biology, Chemistry and Physics grade separately



S C H E M E O F W O R K



Y7	Y8
Cells	Staying alive
Reproduction	Variation
Systems in the human body	The importance of plants
Healthy lifestyles	Relationships in an ecosystem
Space	Forces
Energy	Electricity
Heating and cooling	Waves 2
Seeing and hearing (Waves 1)	Moving around
Particles	Periodic table
Acids and alkalis	Fundamentals of chemistry
Elements and compounds	
Chemical reactions	Rocks and the earth



ASSESSMENT + LEVELLING



- Students complete a written test at the end of two topics.
- Students will be given their score, along with **feedback** on how to improve the sub-topics they found more challenging.
- We cannot accurately give a grade or level for a single test



H O M E W O R K



- Up to 45 minutes per week, may be one longer homework or short homeworks from different sciences.
- All homework set through Satchel one (formerly known as Show my Homework), which shows a guided time for a task
- Students are expected to log in daily.
- Satchel one includes a calendar, with hand in dates for all homework set – students and parents can track tasks.
- Available online and as an app.
- Students are encouraged to ask teachers for help or to let them know of any issues prior to hand in.



H O M E W O R K



- Types of homework set may include
 - Reading news articles
 - Producing revision resources
 - Research tasks
 - Glossary of key words
 - Learning specific science spellings
 - Summarising information



HOW TO SUPPORT YOUR CHILD - ONLINE



- We recommend BBC Bitesize and Seneca learning, websites which include lots of quizzes.



HOW TO SUPPORT YOUR CHILD - ONLINE



Biology -

<https://www.bbc.co.uk/bitesize/subjects/z4882hv>

Chemistry –

<https://www.bbc.co.uk/bitesize/subjects/znxtyrd>

Physics –

<https://www.bbc.co.uk/bitesize/subjects/zh2xsbk>

Seneca learning – you will need to create a free account

<https://senecalearning.com/en-GB/>



HOW TO SUPPORT YOUR CHILD - OFFLINE



- Ask them what they have studied and allow them to explain what they are currently covering.
- If they have made revision resources for previous homeworks, you could support them testing themselves on it



EXTRA CURRICULAR



- Eco club
- Stem club
- Astrophysics club
- Allotment club

All lunchtime clubs
Satchel one has details
including:

- Day of the week
- Start time
- What to do about lunch



CONTACT



Physics

Mr S Pinder

SPinder@notredame-high.co.uk

Chemistry

Dr E Searle

ESearle@notredame-high.co.uk

Biology

Mrs S McCole

SMcCole@notredame-high.co.uk

Mrs R Abbey

RAbbey@notredame-high.co.uk

School Number: 0114 230 2536

