

# KS3 SCIENCE AT LANGTREE

- Year 7 and 8 curriculum
- Tests and Exams
- GCSE's
- Support
- Expectations
- Any questions?

# Science Courses- Year 7

- All students take science, with 4 x 50 minute lessons per week
- Taught as a tutor group (mixed ability)

Module Title	Content
<b>MODULE 1</b> Cells and Green Plants	Cells Plants and Photosynthesis Plants for Food
<b>MODULE 2</b> Introducing Chemistry	Solids, Liquids and Gases Changes in state Acids and alkalis Simple chemical reactions Combustion Solutions
<b>MODULE 3</b> Energy	Energy Resources Energy transfer, Wasting energy Conduction, convection, radiation Sound and Hearing Light
<b>MODULE 4</b> Earth and Electricity	Rocks and weathering Rock cycle Environmental Chemistry Electrical circuits Magnets and electromagnets

# Science Courses- Year 8

- All students take science, with 4 x 50 minute lessons per week
- Pupils are set based on previous test results
- Rotate teachers

Module title	Content
<b>MODULE 5</b> Humans MS	Reproduction Food and digestion Respiration Joints
<b>MODULE 6</b> Forces CH	Forces Speeding Up Pressure and Moments Gravity and space Solar system
<b>MODULE 7</b> Environment SD	Environment Ecological relationships Pesticides/competition Variation and classification
<b>MODULE 8</b> Chemistry HW	Atoms and elements Compounds and mixtures Reactions of metals Patterns of reactivity

# Tests and Examinations

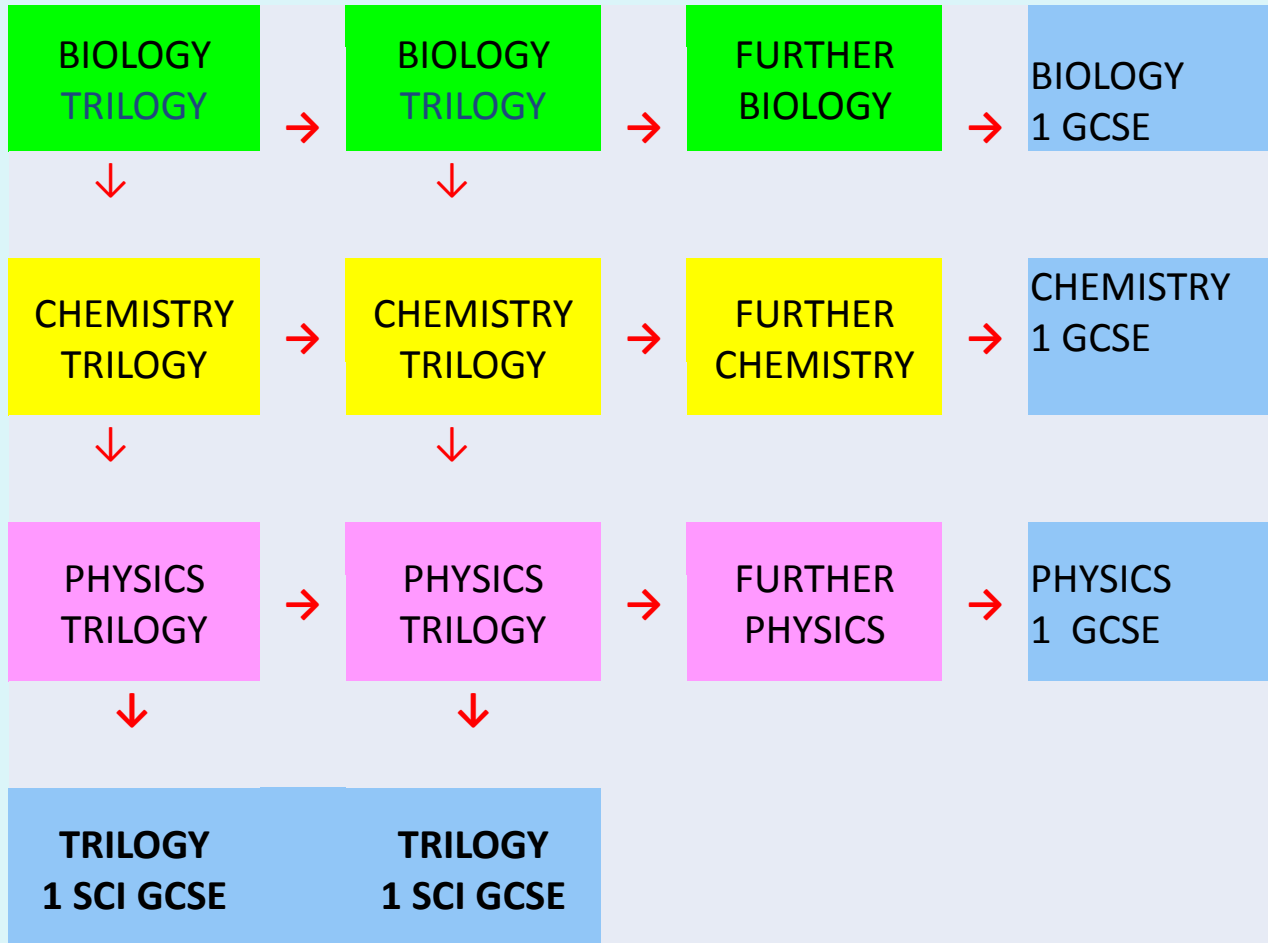
- Pupils will be assessed at the end of each module e.g. Cells and Green plants
- At the end of years 7 and 8 pupils may move up or down a set
- Baseline test
- End of Key stage 3 Examination

# GCSE's

- From Year 9 pupils start GCSE's
- 4 modules are covered:  
1 CHEM, 2 BIO, 1 PHYS

Mon 1, Thurs 1, Fri 5+6		
	GROUP	Main Rotation
1. 8 weeks Oct 3 <sup>rd</sup> - Dec 2 <sup>nd</sup> Midterm w/c Oct 31 <sup>st</sup> Test- Fri Dec 2 <sup>nd</sup> L5	1	TrB1a- MS/SH
	2	TrB1b- SD
	3	TrP1a- KB
	4	TrC1a- CH
2. 8 WEEKS Dec 5 <sup>th</sup> - Feb 10 <sup>th</sup> Midterm test w/c Jan 9 <sup>th</sup> Test Mon Feb 6 <sup>th</sup> L1	1	TrB1b- SD
	2	TrP1a- KB
	3	TrC1a- CH
	4	TrB1a- MS/SH
3. 8 WEEKS Feb 20 <sup>th</sup> - May 5 <sup>th</sup> Midterm test w/c Mar 13 <sup>th</sup> Test Fri May 5 <sup>th</sup> L5	1	TrP1a- KB
	2	TrC1a- CH
	3	TrB1a- MS/SH
	4	TrB1b- SD
4. 7 WEEKS May 8 <sup>th</sup> - June 30 <sup>th</sup> Midterm test w/c May 29 <sup>th</sup> Test- Fri Jun 30 <sup>th</sup> L5	1	TrC1a- CH
	2	TrB1a- MS/SH
	3	TrB1b- SD
	4	TrP1a- KB

# GCSE ROUTEMAP



# Support

- Langtree Science Website
- **KS3 Revision guides (green book)**
  - Warm-up and Practice Questions
  - Answers

# Expectations

- Homework completed to an appropriate standard (1-2/wk)
- Thorough on-going revision for end of module tests and examinations



**ANY QUESTIONS?**