



# Sackville School

# Welcome to Science



# Science at Sackville

- Welcome and introductions
- What are we teaching them?
- How can you help?
- Extra-curricular activities in the department
- Health and Safety
- Any questions?



# Your Child's Teachers

Mr Tyrrell



Mr Delahunt

Mr Roberts



Mr Coomber

Mrs Morris



Miss  
Medhurst



Dr Chatten



# What are we teaching them?

- Year 7
  - 9 units, 3 for each of the sciences Biology, Chemistry and Physics
  
- Autumn Term
  - Biology Unit: Cells
  - Chemistry Unit: Particles
  - Physics Unit: Space Science (Observatory)



# What are we teaching them?

- Spring Term
  - Biology Unit: Reproduction
  - Chemistry Unit: Atoms, Elements and Compounds
  - Physics Unit: Energy
- Summer Term
  - Biology Unit: Inheritance
  - Chemistry Unit: Acids and Alkalis
  - Physics Unit: Waves (light and sound)



# What are we teaching them?

- We teach

Subject knowledge (facts)

How to apply those facts in unfamiliar situations

Skills for investigations

Practical skills

Risk assessment skills

Independent learning and group work



# What are we teaching them?

Extra resources can be found on the VLE to help out with extra information

BBC Bitesize KS3 is also very useful



# How are we teaching them?

- Most classes have 1 teacher per class and the topics rotate across the term
- Your child may not be doing the same topic as others!
- We have 1 top set and 4 mixed sets per band (based on SATs scores)





# Supporting Learning

- Show My Homework – All homework is recorded on this
  - Track when homework has been set
  - <https://sackvilleschool.showmyhomework.co.uk/school/homeworks/calendar/>
- Accessed through school homepage or the students can download the free app



# Experiments

- Examples at back of the room
- National Curriculum “Working Scientifically”
- Hands on approach
- Variety of resources used
- We do try to get the ‘hands on approach’ in year 7, a lot of the equipment is still new and exciting!



# Homework and Assessment

- Supporting homeworks
- Approx. 1 week to complete
- Spend 30 minutes on it
- Show My Homework
- Baseline test (to give us an indication of ability across the board)
- 3 termly tests to improve longer term memory



# How can you help?

- Fully equipped – incl. calculator!
- Monitor Show My Homework
- Support with homework and deadlines
- Ask questions about topics
- Contact staff if there are issues
- Encouragement!



# Extra-curricular Opportunities

- Science Club – coming soon
  - From 10<sup>th</sup> October - Wednesday nights 3-4pm
  - Fun and Educational
- Observatory Open Evenings
  - Leading Space School
  - Bring a telescope, or look through one of ours
  - Dates on website and the Facebook page “Sackville Observatory”





# Health and Safety

- One of safest departments in the school
- All activities risk assessed
- Appropriately levelled
  - First few lessons focus on safety
  - Safety goggles, hair tied back...
  - Sensible approach



# Over to you!

- Any Questions?