







## ASSESSMENT AND FEEDBACK

Students are assessed regularly in science through a combination of formative and summative assessments. Students receive timely written and verbal feedback after each assessment, following the whole school 'Strengths, Improvements, and Actions' (SIA) policy. Dedicated Improvement and Reflection Time (DIRT) is built into lessons, post assessments to allow students to reflect and act upon the feedback and complete an improvement and/or challenge tasks to improve and make further progress in their knowledge, skills and understanding.

**FORMATIVE ASSESSMENT:** For each topic at KS4, one key concept and one working scientifically skill or required practical skills are assessed through short structured written exam style assessments. Working scientifically and numeracy are extremely important skill areas that will be assessed in the final exams, and therefore it is important that students attend all lessons and participate fully in practical experiments. We expect all students to make every effort to catch up with missed work in their own time and take advantage of the lunchtime study support system on offer.

**SUMMATIVE ASSEMENT:** There are three summative assessments per year at KS4. These are cumulative in nature and the purpose is to confirm the track point of the student and to promote longer term recall by testing earlier topics and to meet the demands of a linear course.

## EXAM BOARD AND AQA USEFUL WEBSITES

EXAM BOARD: AQA

SPECIFICATION: SEPARATE SCIENCES 8461 (Biology) 8462 (Chemistry) 8463 (Physics)

SPECIFICATION: COMBINED SCIENCE 8464 (Trilogy)

The AQA website has past papers, mark schemes and the specification all free to download.

Separate science triple award:

<https://www.aqa.org.uk/subjects/science/gcse/biology-8461>

<https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>

<https://www.aqa.org.uk/subjects/science/gcse/physics-8463>

Combined science double award:

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

## SUPPORT AND GUIDANCE

1. Use the science revision guide and workbook: OXFORD

REVISE: AQA GCSE to learn the key facts on the knowledge

organisers: READ – COVER – WRITE method MASTER THE MINIMUM.

2. Apply your understanding to exam questions: Use the

OXFORD REVISE: AQA GCSE WORKBOOKS to practise questions.

Re-do assessment questions and questions completed in class to improve your responses.

3. Test yourself regularly on the key facts,

equations, and units: use FLASHCARDS. An

effective use of flashcards to prompt and recall

learning using spaced practice is the Leitner system.

## Science at Avanti Fields



INSTITUTION: Avanti Fields School

USERNAME: FirstnameSurname18 (e.g. JoeBloggs18) (Y7:21; Y8: 20; Y9: 19; Y10: 18)

PASSWORD: avanti

5. Log onto Google Classroom regularly to access homework, additional resources to support you with your learning.
6. Log onto Collins Connect: <https://connect.collins.co.uk/school/defaultlogin.aspx> to access the full Biology, Chemistry and Physics textbooks and complete questions.
7. Use OAK NATIONAL ACADEMY lessons: <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4> to watch videos of lessons, complete the quizzes and the in-built questions and self-assess your answers using the answers provided.
8. Use BBC BITESIZE: <https://www.bbc.co.uk/bitesize/subjects/zrkw2hv> to learn the key concepts, try quizzes