

# What do you teach: Qualification and assessment

- **Introduction**

In Reach we believe that a teaching Science well can nurture human curiosity and can satisfy some of that yearning to understand WHY.

We study The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Combined Science

It consists of six externally examined papers.

These are available at foundation tier and higher tier.

Students must complete all assessments in the same tier. Students must complete all assessment in May/June in any single year

## Our intent for an ambitious Science curriculum

### Aims

REACH Combined Science will ensure all students:

Tolerance of differing cultural and religious values particularly when considering ethics of scientific practices

Carers such Nursing, Engineering and becoming an Electrician are linked closely to Science and the subject prepares students for the world ahead of them.

We support the development and ambition of the mindsets required for all learners to believe that they can be successful in life.

In Science we teach the students to be resilient when things are difficult, work hard, welcome new experiences and engage in learning.

Practical activities such as practical enquiries, the gathering, presentation and communication of fieldwork data.

### Skills and Knowledge

- At REACH we demonstrate that Science offers an opportunity to work on their own at home or with other people, to perform an experiment, to organize information, make links between ideas and understand the big picture that is the world's past, present and future.

### Real World Experiences

- Students are expected to expand and deepen their understanding of Science content by connecting the curriculum topics to phenomena and mechanisms already observed in their lives.

### Future pathways

- Our Science curriculum provides pupils with an appreciation of subject integrity and interconnectedness so that they can build pathways for themselves that will enable them to explore and fulfil career aspirations.

### Challenge

- The science curriculum has been designed to provide students with a deep understanding of the scientific knowledge and ideas that impact them as individuals within a local and globalised context.

### Enriching

- We aim to promote inquisitive learning through exploration of local and global scientific topics which are current and topical.