

Triple Science

Y9 Assembly

How is Triple Science different?
Why choose Triple Science?
Future prospects

Science Course Information

Triple Science

3 x GCSE's

3 single grades: 9 - 1

6 x 1hr 45min exams

5 x Biology lessons

5 x Chemistry lessons

6 x Physics lessons

Combined Science

2 x GCSE's

1 combined grade: 9-9 - 1-1

6 x 1hr 15min exams

10 x lessons

BIOLOGY, CHEMISTRY, PHYSICS	COMBINED SCIENCE
9	9-9
8	9-8 8-8
7	8-7 7-7
6	7-6 6-6
5	6-5 5-5
4	5-4 4-4
3	4-3 3-3
2	3-2 2-2
1	2-1 1-1
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How is Triple Science different?

Includes all of the content from combined science, with extra topics to broaden your science knowledge.

20% extra content

33% extra curriculum time

Chemistry:

- Advanced quantitative chemistry.
- Reaction kinetics and equilibria.
- Expanded organic chemistry.



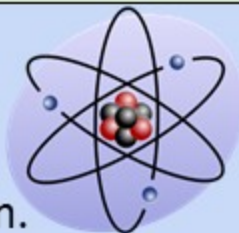
Biology:

- Deeper molecular biology.
- Advanced genetics.
- Complex ecology.
- Detailed human physiology.



Physics:

- Complex mechanics.
- Advanced electromagnetism.
- In-depth wave physics.
- More detailed nuclear physics.
- **Space topic - only covered in triple!**



Myth-busting:

Triple science is not harder, there is just more of it.

Our previous Science results show that students do better in triple science than in combined science.

Why choose Triple Science?

- **Enhanced Knowledge:**

- Triple Science provides a deeper understanding of Biology, Chemistry, and Physics compared to Combined Science.
- This in-depth knowledge is crucial for further studies and careers in scientific disciplines.

- **Improved Skills:**

- Fosters critical thinking, problem-solving, analytical, and practical skills.
- These skills are highly valued in various professions.

- **Stronger Foundation for Further Education:**

- Provides an excellent foundation for A-levels and university courses in science-related subjects.

- **Increased Career Opportunities:**

- Opens doors to a wider range of career paths, particularly in STEM fields.
- Demonstrates a strong aptitude for scientific thinking, which is valued by employers.

Triple Science Career Prospects

Medical Fields:

- Doctor
- Dentist
- Nurse
- Pharmacist
- Physiotherapist
- Veterinarian
- Biomedical scientist



Science and Research:

- Chemist
- Biologist
- Physicist
- Forensic scientist
- Environmental scientist
- Research scientist



Engineering:

- Aerospace engineer
- Chemical engineer
- Civil engineer
- Electrical engineer
- Mechanical engineer

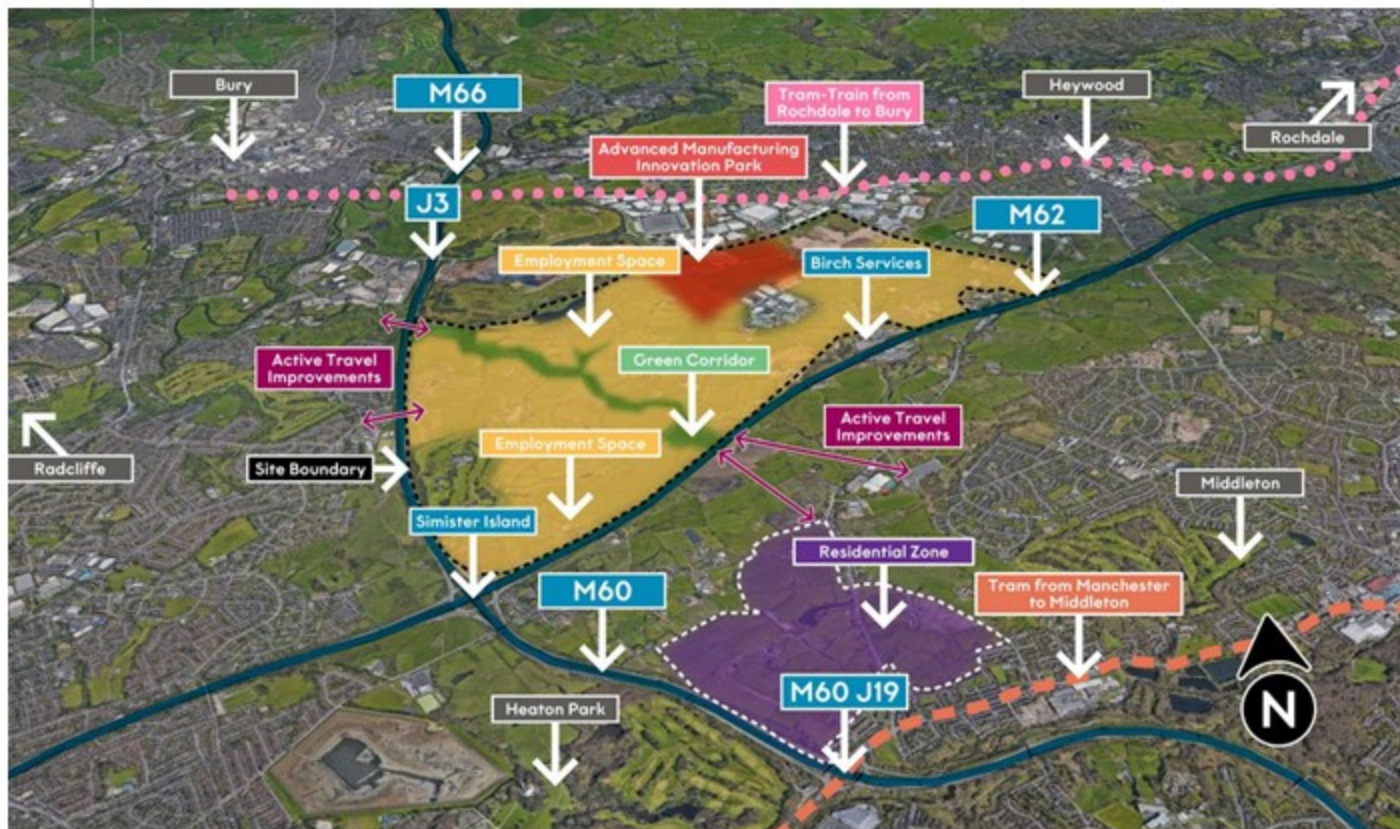


Other Professions:

- Teacher/Lecturer
- Technician
- Laboratory work
- and many more.



Greater Manchester Mayoral Development Zone



What is Atom Valley?

- **A Mayoral Development Zone (MDZ):**

- It's a large-scale project aiming to create a major hub for advanced manufacturing, innovation, and logistics along the M62 corridor.
- It spans parts of Bury, Rochdale, and Oldham.

- **Key Goals:**

- To drive economic growth and create high-quality jobs.
- To attract investment in advanced manufacturing and technology.
- To provide new housing and improve infrastructure.

Career Prospects



Greater Manchester
Mayoral Development Zone

- **Advanced Manufacturing:**
 - Skilled technicians, engineers, and researchers.
 - Opportunities in robotics, automation, and advanced materials.
- **Logistics and Distribution:**
 - Warehouse and supply chain management roles.
 - Driving and transportation jobs.
- **Research and Development:**
 - Positions in scientific research, innovation, and technology development.
- **Construction and Infrastructure:**
 - Jobs in building and maintaining the new facilities and infrastructure.
- **Supporting Roles:**
 - A wide variety of supporting roles in administration, management, and other supporting services.

Triple Science Alumni

Brad Trickett - Mechanical Engineering - Oxford University

Robin Cretol - Neuroscience - Manchester University

James Pitts - Mechanical Engineering - Oxford University

Ben Harrison - Maths - Bath University

What our Triple Scientists say...