

## WMG INTENT

### Science Curriculum Intent

In an ever-changing world, in which STEM subjects are at the forefront of advancements for the future, we want to best prepare our students at WMG academy for this by not only looking at the knowledge of the subject, but also the methods, processes, skills and applications associated with being a Scientist. We encourage all our students to have an appreciation, respect for the living and non-living and a natural curiosity in Science. We expect all our students to be eager to learn the subject content alongside developing the necessary investigative skills, becoming Scientifically literate and foster a life-long interest in Science.

The curriculum is designed to ensure that students confidently acquire key scientific knowledge through practical experiences; using equipment, conducting experiments, building balanced arguments and explaining key concepts. WMG's approach to Science reflects the school's own context, ensuring access to people with specialist expertise and places of Scientific interest as part of the school's commitment to preparing students to be career ready. Cultural capital is an integral part of Science at WMG. We intend to increase the number of educational visits and employer engagements to enhance pupils' cultural capital over time.

### School Curriculum Intent

At WMG academy our curriculum intent is to provide a STEM focussed curriculum that prepares pupils for the world of work, we are business led; as such we provide a rigorous, expertly sequenced curriculum with engineering at the heart. Alongside the curriculum we have a nurturing pastoral support team providing enrichment and guidance, thoroughly preparing students to be career ready.

### School Mission

WMG Academy aims to send students into the world with a professional attitude, an understanding of business and a mature approach to work.

Our 'business-like, business-led' ethos gives students a head start. Employers pay for apprentices to study and work, with many commanding generous starting salaries in secure industries.