*Quality of Education*

Greenfields Academy

Subject Policy – Science

September 2024

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1. **Intent:**

Our science curriculum is designed to give every child a broad and balanced Science knowledge which enables them to confidently explore and discover what is around them, so that they have a deeper understanding of the world we live in. We want our pupils to love science as this is incorporated in everyday life, in endless ways.

Our Curriculum is spiral, each key stage building on schema from the previous key stages. In KS4 it is our intent that every pupil leaves with a qualification in Science, either GCSE or Entry level certificate depending on the appropriateness for our students.

**2.0 Implementation**

The implementation of KS2 and KS3 science is based on the national curriculum and supported by resources from STEM. This ensures we are teaching our students in a logical sequence to allow them to build upon existing schema. Children in KS1 & 2 are taught science one hour per week as part of their termly thematic (see Science pathways document). Students in KS3 are taught science twice weekly thematic can be applied where appropriate.

KS4 is taught 3 times per week, students will study for combined science GCSE or an entry level certificate based on staff assessment of ability.

The monitoring of the standards of children’s work and of the quality of teaching in science is the responsibility of the subject champion. The work of the subject champion also involves supporting colleagues, being informed about current developments in the subject, and providing a strategic lead and direction for the subject in the school.

**3.0 Impact:**

• To encourage children to ask questions of about the world and their place within it.

• To teach children the value of collaboration and collaborative thinking has impacted scientific development in the real world.

• To develop an evidence-based approach to real life problems and to question and test the quality and authenticity of that evidence.

• To encourage children to value the qualifications they earn and inspire them to seek further knowledge.

• The children leave our academy knowing they have done their best and with the qualification they deserve.

**4.0 Review:**

Written September 2024 – J Hogan (Subject Champion)

Review Date: July 2025