

Science Intent, Implementation and Impact

Intent

At The Acorn Partnership, our curriculum follows the aims and programmes of study in the National Curriculum for Key Stages 1 and 2 and the EYFS Framework in the Foundation Stage. We use Developing Experts to teach our Science Curriculum.

The intent of integrating **Developing Experts** into our Primary Science is to:

- **Enhance curriculum delivery** by providing a structured, knowledge-rich approach aligned with the National Curriculum.
 - **Build scientific vocabulary and conceptual understanding** through engaging, expert-led lessons.
 - **Foster curiosity and critical thinking** by connecting science concepts to real-world applications and careers.
 - **Ensure progression and consistency** across year groups, supporting teachers with high-quality resources and assessment tools.
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Implementation

To achieve this intent, the following steps will be taken:

1. **Curriculum Mapping**
 - Align Developing Experts lessons with the school's science progression framework.
 - Ensure coverage of all statutory requirements for KS1 and KS2.
 2. **Teacher Training if and when required**
 - Provide CPD sessions on using Developing Experts effectively.
 - Train staff on integrating career links and vocabulary development into lessons.
 3. **Lesson Delivery**
 - Use Developing Experts' interactive presentations, videos, and quizzes in every science lesson.
 - Incorporate retrieval practice and spaced repetition through platform resources.
 4. **Assessment and Feedback**
 - Utilize built-in quizzes for formative assessment.
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Impact

The expected impact of this approach includes:

- **Improved Pupil Outcomes**
 - Increased scientific vocabulary retention and conceptual understanding.
 - Higher engagement and enthusiasm for science learning.
- **Teacher Confidence**
 - Greater consistency and quality in science teaching across the school.
 - Reduced workload through ready-made, high-quality resources.
- **Broader Aspirations**
 - Pupils develop awareness of STEM careers, fostering long-term interest in science.
- **Evidence of Progress**
 - Data from quizzes and assessments demonstrate knowledge acquisition and curriculum coverage.
 - Pupil voice and work scrutiny show improved engagement and understanding.