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תלמוד תורה פרדס

Pardes House Primary School

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בס"ד

Founding Principal:
Rabbi E Halpern רבי'ל הרצל

Menahel:
Rabbi S Roitenberg שליט"א

Headteacher:
Rabbi J Sager MA B.Ed NPQH FCTT

Science Statement of Intent

At Pardes House Primary School, we strive to provide a high-quality Science education that follows both the National Curriculum and develops pupils's understanding of the world through different scientific disciplines. Science forms an important part of our broad and balanced curriculum.

In an ever-changing world, it is vital our pupils understand how science has already changed their lives and how it may shape future prosperity. We seek to provide pupils with scientific knowledge, methodologies, and processes but also to give them the real world uses of this science. Our pupils are encouraged to recognise the power of rational explanation through exciting investigations, which build on their natural curiosity. They are expected to try to explain what is occurring, use appropriate scientific vocabulary and ideas and explain 'why?'.

We aim to provide a range of different types of scientific learning opportunities and promote open-ended STEM questioning, where pupils decide how to try to find and explain their answers. We aim for pupils to realise that some of the most significant scientific advancements occurred from mistakes or someone saying 'What if.....?'. As well as using technical terminology accurately and precisely, we intend for pupils to apply mathematical knowledge to their understanding of science.

We are passionate that a broad science education is the entitlement of all our pupils, enabling them to access a scientific education, which should also encourage open-mindedness, perseverance and responsibility, which are skills they can apply in all walks of life.

Learning strategies will be adapted to best suit each class and each individual learner so that they are able to make best progress with their learning, draw out and deepen understanding and address potential misconceptions. Through careful planning, resourcing, delivery and assessment, we aim to ensure our Science curriculum is inclusive and accessible to all pupils, including those with SEND, Pupil Premium and those at Greater Depth.

Our aim is that links should be made between relevant Literacy and Maths objectives where these have already been taught, to support the embedding of this learning and show the practical application of these skills.

Mrs K Eder
Science Leader

