



Est. 1954

תלמוד תורה פרדס

Pardes House Primary School

Moshe Bude House, Hendon Lane, London, N3 1SA, Tel: 020-8343-3568, E-mail: office@pardeshouse.com

בס"ד

Founding Principal:

Rabbi E Halpern זצ"ל

Menahel:

Rebbe S Roitenberg שליט"א

Headteacher:

Mr J Sager MA B.Ed NPQH FCCT

Topic Medium-Term Planning Document

Topic: Mechanics- How it all works	Year group: 3	Term: Spring 2
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Key aims of topic	Curiosity being stimulated	Big thinking question	Other key questions being investigated
To learn about how things work. To understand how inventors think of inventions. To find the source of light. To identify natural and artificial light sources. To know when the Stone Age was. Fire Safety	How mechanical items are created. The techniques used to create items.	How can astronauts protect themselves from the sun when visiting Mars?	How did Britain change from the Stone Age to the Iron Age? What happens when your invention doesn't work?
Key words defined/investigated	Texts, Books and Stories	Topic-rich vocabulary	Writing skills and opportunities
development invention creation investigation instructional technology mechanics parts	Ug the Stone Age Genius Read and Reap: Charlie and the Chocolate Factory Charlie and Great Glass Elevator	development invention creation investigation instructional technology mechanics parts	Diary Entry Instructional writing Character description Invention Creations Game inventions



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Maths skills	Skills linked to Foundation subjects	Emotional Literacy, PSHE	Art and DT skills
Fractions Measurement Word Problems relating to topic	Stone Age to Iron Age- discuss how the people lived during the time, the items they invented using the limited resources available.	Heads Up	Cave Paintings Create an invention (drawing) Stained Glass
Visitor and trip opportunities	Active Learning opportunities	British Values link	Social responsibility
Possible Lego/Robotics Workshop Science Museum? Fire Station?	Make light make shadows Active SPAG lessons	Acknowledging British Fire Fighters Respecting others Earth Day	Heads Up
National / International events links	Other (including any other skills being developed that can impact pupils in the short term and for their long-term future)		What do the boys already know?
11 th February- International day of women and girls in science 13 th February- World Radio day 22 nd March- World Water day 23 rd March- Meteorological Day 4 th April- International Day of Mine Awareness and Assistance in mine action			Basics of light and shadow (creation) Time Lines History of London



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21 st April- World Creativity and Innovation Day		
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The Quality of Education

When we are considering our planning for the specific topic and indeed other areas of the curriculum, it is important to bear in mind that if we want the children to have long-term retention of learning, this will be impacted by:

- Clarity of intent
- Precise end points
- Rationale of what is being planned
- Knowledge, understanding and skills gained