

Title - To infinity and beyond	Project overview	Hook	Text(s)	Maths overview
Year group - 1	The aim of the project is for the children to learn about a historical event in history.	Designing and making water bottle rockets and shooting them	Tale of fear Blast off! (Poem) Alien spotted on Earth (News paper report) Aliens in Underpants (Whole class guided reading)	Place value Shapes
Driving question Are aliens real?	Key Vocabulary Planets, space, Mars, Jupiter, Earth, Mercury, Venus, Neptune, Saturn, Uranus, sun, star, galaxy, Neil Armstrong, space race, rocket, spaceship, NASA, astronaut, moon, comet, asteroids	Intended outcome Nativity Redesigning their bottle rocket after the launch day. We have looked at different materials that would be suitable for a rocket.	Resources Paint, water colours, colours, paper mache, polystyrene balls, tissue paper, PVA glue, sliders and levers, poster paper, water bottle, foot pump	Areas of learning History, Science, Art, DT, Music, PE, PHSE, RE, ICT
How does learning build on prior understanding? Other year groups and other learning?	Content What will we learn?	Creativity How will we show our learning in different ways?	Ethos How does the project embed our values?	How will this project prepare for future learning?
-Building on understanding of shape (Mathematics) -Learning more about how technology can be used to help us research (Technology) -Understanding that there are different plants apart from our own (Understanding the World) -Using different forms of media to create rockets, paper mache planets, printing (Exploring and using media and materials)	-We will be undertaking some 'Space training' where they will learn to control their body, balance, copy sequences and climb safely -Learning Nativity songs for our performance at the end of term -Listen to Gustav Holst and create our own piece of space music based of his piece -Learning about the Christmas story though our performance	-Listen and create our own piece of music based off Gustav Holst -Using The Nativity performance to showcase performing skills -Designing, making and evaluating rockets linking to effective materials that we can use -Experiment with different medium to manipulate materials into shapes for	-Being resilient to learning new vocabulary and testing our physical limits in PE when balancing and climbing -Being resourceful when making rockets -Being respectful during rehearsals and the nativity performance	-Setting a foundation of key vocabulary for learning in KS2 (Year 5 - space) -Identify and classify different everyday materials (Year 2) -Carrying out a fair test introduction (Year 2 and later in Year 1) -Investigation of shapes that we can use to make a rocket (Year 2) -Forces when shooting the bottle rocket, thinking about

<p>-Using our imagination to create and generate answers for whether aliens are real (Being imaginative)</p>	<p>-Design, making and evaluating process when making bottle rockets -Explore the basic of printing by making funky underpants designs -Explore Van Gogh Starry Night picture creating patterns -Significant people in the Space Race</p>	<p>purpose with paper mache planets -Creating patterns inspired by Van Gogh -Explore forms of printing -Access to construction areas throughout topic, prompting space designs</p>		<p>why it comes back down (Year 2 and Year 5) -Historical investigation skills using the internet (Year 3)</p>
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