

# The History of Space Travel : History : Year 1/2

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To understand how Galileo's telescope advanced understanding of space.	In this lesson, children will find out who Galileo was and how his telescope allowed him to discover many previously unknown things about space. At the end of the lesson, children will learn about more recent discoveries with the advancement in telescope technology and will reflect on how Galileo would feel to see how the telescope he improved has progressed.	<ul style="list-style-type: none"> <li>Can the children explain what a telescope is and what it is used for?</li> <li>Can the children explain one or more of Galileo's discoveries about space?</li> <li>Can the children explain how telescope technology has advanced since Galileo's time?</li> </ul>	Slides Worksheet 1A/1B/1C Galileo Fact Sheet Moon Cards (FSD? activity only) Sticky notes (FSD? activity only)
<b>Lesson 2</b>	To use a variety of sources to understand the events of the Apollo 11 Moon landing.	Children will find out what the space race was and how it led to NASA developing technology to put the first humans on the Moon. Children will learn about the events of the Apollo 11 mission and will write a diary entry in role as Neil Armstrong about it.	<ul style="list-style-type: none"> <li>Can the children explain what the space race was?</li> <li>Can the children explain the main events of the Apollo 11 mission?</li> <li>Can children identify different sources and what they might tell us about the space race or Apollo 11 mission?</li> </ul>	Slides Worksheets 2A/2B Word Bank Source Cards 2A Apollo 11 Timeline Tablets to access QR codes
<b>Lesson 3</b>	To research significant individuals and their impact on space exploration.	In this lesson, children will learn about Neil Armstrong (the first human to ever step onto the moon) and Katherine Johnson (a brilliant mathematician whose calculations helped the Apollo 11 Moon landing to be a success). Children will produce a fact-file on one of these people or a British astronaut. At the end of the lesson will discuss who they think had the bigger impact on space exploration.	<ul style="list-style-type: none"> <li>Can children name a significant individual who had an impact on space exploration?</li> <li>Can children describe how a significant individual had an impact on space exploration?</li> <li>Can they explain who they think had the greater impact on space exploration and why?</li> </ul>	Slides Fact-file Sheet 3A/3B/3C Information Pages Information sources e.g. topical non-fiction books, access to the internet Research Prompts (FSD? activity only) Sugar paper (FSD? activity only) (optional) Home Learning Card 3A
<b>Lesson 4</b>	To put key events in space exploration in chronological order.	Children will learn what is meant by chronological order. They will practise how to put events in chronological order by ordering events of the Apollo 11 mission on a timeline. They will then order cards about the history of space exploration using the years the events took place in.	<ul style="list-style-type: none"> <li>Can the children put events in chronological order?</li> <li>Can the children explain what a timeline is?</li> <li>Can the children create timelines showing the chronological order of events from history?</li> </ul>	Slides Event Cards Timeline Cards 4A/4B/4C Worksheets 4A/4B/4C Timeline Display Cards (FSD? activity only) Access to the internet (FSD? activity only)
<b>Lesson 5</b>	To compare and contrast how missions to Mars have changed throughout history.	In this lesson, children will learn what a rover is and will look in detail at the Sojourner and Perseverance Mars rovers. They will compare them by identifying similarities and differences between them. At the end of the lesson, children will discuss what they predict the future of Mars exploration will be.	<ul style="list-style-type: none"> <li>Can children ask and answer questions about different Mars rovers?</li> <li>Can the children order events in the history of Mars exploration chronologically?</li> <li>Can the children identify similarities and differences between the Sojourner and Perseverance Mars rovers?</li> </ul>	Slides Mars Timeline Cards Information Page: Sojourner Rover Information Page: Perseverance Rover Image Cards Worksheets 5A/5B/5C Venn Diagram Sheet (FSD? activity only)