

WHAT IS A SPACE BUGGY

National Curriculum Objectives

To use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

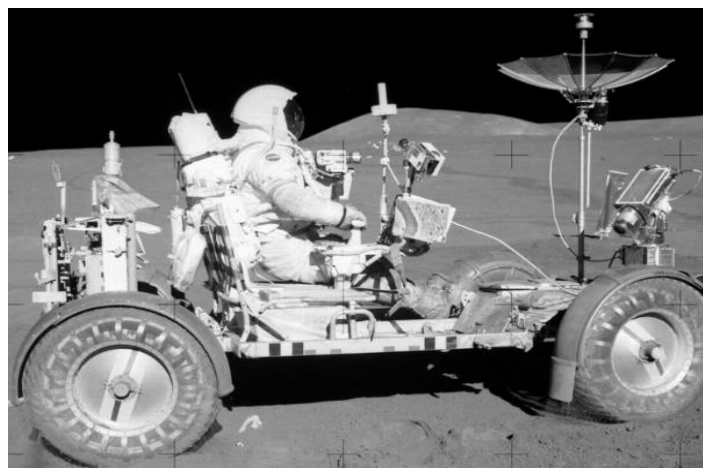
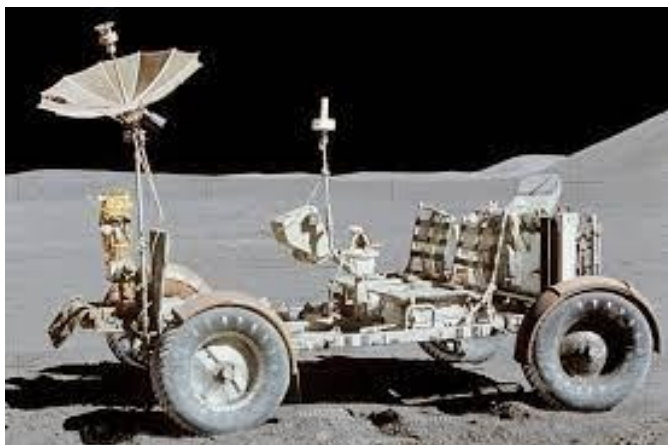
To generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

To select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing), accurately.

To evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Key Vocabulary

design criteria	research	doweling
construction	finishing process	functional properties
evaluate	chassis	axel
authentic	joining	construct
wheels	score	accuracy
body	measure	ascetics
Substantive - subject specific words		Bigger Picture - lesson support words



Questions to develop knowledge and understanding.	Pupil
Can I annotate a range a different space buggy design?	
What are the design features of a space buggy?	
Can I design a space buggy with authentic features?	
Do I know some of the different construction methods?	
Can I create a space buggy using different materials and techniques?	

