

## Year 1 DT Space rocket knowledge organiser

Design, Make, Evaluate A moving rocket

Technical knowledge — know how to make structures stronger and stable

### Research/Disassembly/Finished Products

What do you notice about these rockets?

What are they made of?

How do they stand up?

Do any of them move?



### Designing and Making your rocket

What materials will you use?

How can you make your rocket strong and stand up?

Will you make your rocket fly? How would you make it fly?



How does this boy make his rocket move?



What is he standing on?

What pushes the rocket into the air?



Key vocabulary	
<b>International Space Station (ISS)</b>	The International Space Station is a space station in low Earth orbit. It is a joint project between 5 different space agencies.
<b>Launch</b>	When a rocket is propelled into space.
<b>Join</b>	To connect two things together.
<b>Assemble</b>	To join all the parts together.
<b>Attach</b>	To join something to something else.
<b>Measure</b>	To accurately find the length of an object.
<b>Rocket</b>	A missile, spacecraft, aircraft or other vehicle powered by a rocket engine (an engine which forces out burning gasses).

More vocabulary: structures, fins, legs, base, stable, strong, stronger, stiffen, astronauts, space, air, pump, materials, tools, equipment, shapes, design, improve, test, evaluate, build

Famous People	
	<b>Neil Armstrong</b> American astronaut and the first man to walk on the moon.
	<b>Tim Peake</b> British astronaut who went to the International Space Station (ISS) in 2015.

