

# Have TARDIS, will travel...

## RATIONALE:

Have TARDIS, will travel...

As part of a whole school topic and gallery opening, year 6 children will 'travel' in the TARDIS to a new planet. They will describe an imaginary world and have the opportunity to produce a short narrative. They will listen to Sci-fi stories and contemplate the question: Are we alone? They will link this topic to electricity and circuits. They will build a buggy frame with moving parts in order to make a moving Dalek. They will explore series and parallel circuits. They will also find out about forces and levers and will make levers as part of moving posters or cards.



Creativity	Independence	Aspiration
Create diorama of new planet Describe settings Look at character Build narrative Stop motion alien video-plasticine	<ul style="list-style-type: none"> <li>• Test out circuit building</li> <li>• Create a Dalek</li> <li>• Working lights</li> <li>• Test levers</li> </ul>	<ul style="list-style-type: none"> <li>• Make moving buggies from scratch</li> <li>• Make moving daleks</li> <li>• Light up circuits and make motors move</li> <li>• Consider the impact of biomes on a planet real and otherwise</li> <li>•</li> </ul>
Spark : Watch the 'Titanium' film – and discuss aliens Look at the narrative told in this video and create our own narrative based on this. The whole school reading challenge- sci-fi based		Learning Celebrations: Gallery opening Share moving buggies with parents
Role Playing/Life Skills/Real / 'Travel' into space in the TARDIS 'Land' on a planet Have an adventure		Community Cohesion: Gallery opening event Construction day Stamford College
Out of Classroom Opportunities		Home Learning Activity What are your views on life out there? Look at SETI Discuss the International Space Centre
Computing and E-safety		

# Have TARDIS, will travel...

British Values: Dr Who - good over evil,

Links to discrete subjects:

Science- biomes, electricity

Steps to success

1. We watched the 'Titanium' video and began our work on narratives
2. We sketched a scene from an imaginary planet
3. We thought about how aliens might look and described them
4. We described what we saw as we stepped out of the TARDIS
5. We looked at how circuits worked and made our own circuits with buzzers, light bulbs and motors
6. We used saws and tools to make a 'buggy' frame and added our motors to create moving vehicles. We used cardboard to strengthen our designs.
7. We looked at forces and in particular different types of levers to help lift a load.
8. We used different levers to create posters and cards with moving parts.



How will the project be evaluated?

Children will have made working circuit to light a bulb (series and parallel)

Children will have used tools to make a moving vehicle

Children will have strengthened corners

Children will have explored levers and made cards with moving parts

Children will have written narratives based on Sci-fi genre

Children will have described a new imaginary planet



Pupils' comments:

'I loved it when we made a working circuit.'

'I loved the Titanium story.'

'I loved using the saw to cut the wood for our Daleks.'

'I loved using levers to make moving parts.'