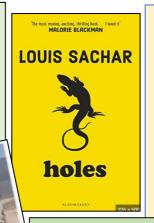




Our text is Holes by Louis Sachar. We will be using the text as inspiration for our project. The boys, who dig holes all day, need water brought to them on a water truck.



Project title

Design, make and evaluate a self-propelled vehicle for Camp Green Lake for moving water to the campmates.

We will design our vehicle using our Science knowledge of circuits and produce an annotated sketch

How to Annotate	Advantages/Disadvantages What are the advantages and disadvantages of this product?		Safety • How has this product been made safe? How would it be tested?
Materials What is this car made from? Why is the car made from these materials? What are the properties of the materials used to make this car?			Aesthetics How does this product look? Is it modern, dull, colourful etc? Why is the product shaped like this? Why do you think this colour was selected?
Target Audience • Who was this toy car made for? • What age range do you think think this car is for?			Where would this car be used? Cost How much does this car cost? Is it cheap or expensive?
Manufacturing • How was this toy car made? • What manufacturing techniqu were used? • What machines/tools were us create this car?		Maintenance How would you maintain this car? Does it need to be cleaned?	Why do you think it costs this much? Function What does this toy car do? How does it work? Is it easy to use?

Key vocabulary	Definition
frame structure	A frame is the supporting structure of a piece of furniture, a building, a vehicle etc.
reinforce	To reinforce an object means to make it stronger or harder
stability.	Stability is a measure of how likely it is for an object to topple over when pushed or moved. Stable objects are very difficult to topple over.
annotated sketch	Sketches that are labelled with notes to give useful information about the design e.g key parts, sizes, materials, components and construction.
purpose	What the product will be used for.
functional	Whether a design works and helps the users meet their goals and needs.

