

Hill View Primary School – Year 4 Project Overview



Service -	Project Overview			THE REAL
	Fun at	the Fair		
LEGC				
	6 V	Veeks		
Rationale				
ride for the park. The child already has and how they we exploring mechanisms and ci exhibition for an expert pane our ASCENT values through may form part of future skil to consider the views and new trusting environment and st	ren will spend the day ex ork. They will record their rcuits, they will create in I who will judge which ride developing aspirations to s. Pupils will also be buildi eds of others. This projec rive for success. Pupils w ecessary; this encourages	xploring the the r findings and a novative models s fulfil the desig apply the skills ng on their sense t will allow stude vill test and dev s the children to	and existing rides in order to me park to research the rid gree on criteria for their de and develop explanations to n brief most successfully. Thi taught in school to vocationd e of community through work ents to research collaborative relop their fairground rides, strive for excellence and exp	des the par esigns. Afte display in a is integrate al skills tha ting togethe ely to build adapting t
Hook		Outcome		
At a visit to a theme park, th explains to children that the visitors and therefore wis innovative ride attraction f they help?	ey need to attract more h to build a new and	inventions and	me park exhibition to pr advert to a panel who will vhen travelling around the ex	l complete (
English	Li	nk text; Mr No	body's Eves	
Linked texts and extracts ar	e used as 'What a good on	ne looks like' to t	each from and are used to en achieve the main writing out	
Narrative-				
Write a fictional story based description. Non- narrative-explanation Plan and write an explanation	-	·	osphere and mood through de	etailed
Poetry-		s using precise v	readulary and servences.	
Read and write poems about	electricity			
Writing skills to cover	sicerriery.			
Formal language headings/ su	Ibheadings			
Effective note taking - parag	-			
Edit and improve				
Persuasive language				
Punctuation and Grammar				
Paragraphing				
Fronted adverbials				
Conjunctions				
Expanded noun phrases				
Preposition				

Talk 4 Writing strategies

Boxing up					
Text mapping					
Tool Kit					
Focus Subject - DT	Focus Subject - Science				
Create a research page from information gathered during	Construct a simple series electrical circuit to light				
their visit to evaluate existing rides and develop design	a bulb or work a motor operated with a switch that				
criteria. (NC- use research and develop design criteria to	will be incorporated in their invention. (NC- To				
inform the design of innovative, functional, appealing	construct a simple series electrical circuit,				
products that are fit for purpose, aimed at particular	identifying and naming its basic parts, including				
individuals or groups).	cells, wires, bulbs, switches and buzzers). (NC-				
	recognise some common conductors and insulators,				
Draw and annotate an exploded diagram to communicate	and associate metals with being good conductors).				
their design of a funfair ride that fulfils the design					
criteria (NC-generate, develop, model and communicate					
their ideas through discussion, annotated sketches,	Draw a circuit diagram using recognised symbols to				
cross-sectional and exploded diagrams, prototypes,	clarify how their design works. (NC- recognise				
pattern pieces and computer-aided design).	that a switch opens and closes a circuit and				
	associate this with whether or not a lamp lights in				
Experiment with creating mechanisms using construction	a simple series circuit). (NC-identify whether or				
materials and write evaluations of the functionality and	not a lamp will light in a simple series circuit,				
suitability for purpose. (NC- Use a wide range of tools to	based on whether or not the lamp is part of a				
cut, shape and join materials accurately). (NC- understand	complete loop with a battery).				
and use electrical systems in their products [for example,					
series circuits incorporating switches, bulbs, buzzers and	(NC-Use results to draw simple conclusions, make				
motors]).	predictions for new values, suggest improvements				
	and raise further questions).				
Explore the use of an electrical system for their product					
that can be used to meet the design criteria. (NC-	(NC-Use results to draw simple conclusions, make				
identify common appliances that run on electricity).	predictions for new values, suggest improvements				
······································	and raise further questions).				
Build a model of their ride that fulfils the design criteria					
and is aesthetically pleasing to present in the exhibition.					
Develop and model their ideas by making a prototype of a					
funfair ride selecting the materials and components					
needed. (NC- Select materials based on their aesthetic					
and functional qualities) (NC- Measure materials with					
great accuracy).					
Write an evaluation of their prototype against the design					
criteria to identify where changes need to be made					
(NC- investigate and analyse a range of existing products.					
Evaluate their ideas and products against their own					
design criteria and consider the views of others to					
improve their work).					
Visits and visitors- Paulton's Park					
Cultural capital; History. Consider the history of the environment of Paulton's Park. How have rides changed					

Cultural capital; History. Consider the history of the environment of Paulton's Park. How have rides changed over time? Why?

Art

Consider the colours used in theme parks. What are the effects of colours on the customers? Using research to create appealing-looking designs.

Home Learning-

Research the history of the funfair and produce a poster or booklet to present the information you have gathered for display at the exhibition.