

PlanBee D.T. Assessment : Fairground : KS2



Group:

Year:

Term:

Lesson 1	Can children identify everyday objects that use electrical motors to cause rotation?																			
	Can children identify how rotation is used in fairground rides?																			
	Can children explain how electrical circuits and motors are used to make objects rotate?																			
Lesson 2	Can children describe how an electrical circuit with a motor can be used to create rotating parts?																			
	Do children understand how pulley and belt systems can be used to transfer movement?																			
	Can children use electrical components to investigate ways of creating replica fairground rides?																			
Lesson 3	Can children describe ways of strengthening and reinforcing structures?																			
	Can children suggest ways in which ideas for frameworks could be developed to ideas for their own fairground ride designs?																			
	Can children use a variety of materials and components accurately?																			
Lesson 4	Can children make a decision about what kind of ride they will make?																			
	Can children design an appropriate electrical circuit for their ride?																			
	Can children describe the process they will need to go through to successfully complete their product?																			
Lesson 5	Can children follow a design to create a fairground ride with a rotating part?																			
	Can children work accurately and safely with a variety of tools, materials and electrical components?																			
	Can children identify ways of improving their fairground rides to create a finished product of a high quality?																			
Lesson 6	Can children evaluate a finished product fairly?																			
	Can children suggest ways they could improve their product if they were to make it again?																			
	Can children recognise ways in which they have been successful?																			