

DT Assessment Grid : Alarms : Year 4

Alarms																			
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Lesson 1	Do children recognise the uses to which alarm systems can be put?																		
	Do children understand that switches work in different ways?																		
	Do children understand the dangers of mains electricity?																		
Lesson 2	Can children explain how a simple circuit works?																		
	Can children experiment with different ways of creating circuits and switches?																		
	Do children know how to work safely with electricity?																		
Lesson 3	Can children design an alarm system that is suitable for a particular purpose?																		
	Can children apply what they have learnt about alarms, circuits and switches when designing their own alarm systems?																		
	Can children discuss and finalise their designs?																		
Lesson 4	Can children apply what they have learnt when making their alarm systems?																		
	Can children use a variety of electrical components accurately?																		
	Can children discuss their work and suggest areas for improvement?																		
Lesson 5	Do children understand why evaluation is an important part of the designing and making process?																		
	Can children evaluate their own finished products fairly?																		
	Can children discuss their work and the work of others fairly?																		