

MiniSATS Science Assessments - Year 4: SAMPLE

Q	Requirements	Mark	Guidance Notes
1 <i>2 max</i>	<i>use:</i> photocopier, laptop, hoover <i>do not use:</i> sellotape holder, stapler	1 1	<i>all required for each mark</i>
2 <i>3 max</i>	'b' - laptop, remote control, electric wheelchair, camera 'm' - bread maker, microwave, coffee maker, dishwasher, toaster allows the item to be mobile /user can move around	1 1 1	<i>all required for each mark</i> <i>or similar statement</i>
3 <i>4 max</i>	cross cross tick cross	1x4	
4 <i>6 max</i>	horse (allow any other large plant eater, e.g. cow, sheep, deer etc.) eats plants (vegetarian), teeth suitable for chewing/grinding wolf (allow dog) a meat-eater (carnivore), teeth suitable for tearing/ripping meat	1 1+1 1 1+1	
5 <i>4 max</i>	A is a meat-eater B is a plant-eater <i>Teeth drawn top and bottom; should be flatter, wider, in line with a plant-eater (e.g. as shown in top part of Q4)</i>	1+1 2 max	<i>up to 2 marks awarded</i>
6 <i>8 max</i>	<i>insulators:</i> wood, rubber, leather <i>conductors:</i> copper, steel, aluminium, gold <i>prong:</i> copper (or other conductor) has to allow electricity to flow <i>casing:</i> plastic (or other insulator) has to stop electricity flowing <i>flex:</i> plastic (or other insulator) has to stop electricity flowing	1 1 1+1 1+1 1+1	<i>allow 'has to conduct' or 'has to insulate' or similar</i>
7 <i>5 max</i>	<i>five 'bars' drawn correctly</i>	1x5	<i>height of each bar more important than neatness</i>
8 <i>3 max</i>	the one that cuts down/reduces the sound the most polystyrene cuts down the sound the most (is best sound absorber) cork cuts down the sound the least (worst of the three)	1 1 1	<i>or similar</i>

TOTAL	35
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This mark is converted into a % mark
using a conversion-chart (provided)