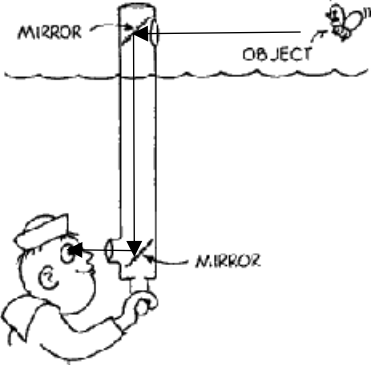


**SCIENCE - YEAR 5 - SAMPLE MARKING SCHEME**

<b>Question no.</b>	<b>Answers and Requirements</b>	<b>Marks</b>	<b>Additional Guidance</b>																																
1. a. i.	C - butterfly	1	c.a.o.																																
ii.	D - frog	1	c.a.o.																																
b.	water; oxygen; sunlight	3	1 mark for each correct answer. c.a.o.																																
2. a.	pollution (land/air/water); land development (too many buildings); cutting down trees; overpopulation.	1,1	Accept any other valid answers.																																
b.	Species may become extinct due to cutting down trees; loss of habitat; hunted for their fur and body parts.	2	Accept any other valid answers.																																
3.	<table border="1"> <thead> <tr> <th></th> <th><b>Column A</b></th> <th></th> <th><b>Column B</b></th> </tr> </thead> <tbody> <tr> <td><b>a</b></td> <td>I can have different shapes.</td> <td>g</td> <td>Neptune</td> </tr> <tr> <td><b>b</b></td> <td>I take 88 days to orbit the sun.</td> <td>c</td> <td>iron</td> </tr> <tr> <td><b>c</b></td> <td>I am attracted to magnets.</td> <td>e</td> <td>sound</td> </tr> <tr> <td><b>d</b></td> <td>I store energy.</td> <td>a</td> <td>magnet</td> </tr> <tr> <td><b>e</b></td> <td>I travel through vibrations.</td> <td>b</td> <td>Mercury</td> </tr> <tr> <td><b>f</b></td> <td>I change electrical energy into movement.</td> <td>f</td> <td>motor</td> </tr> <tr> <td><b>g</b></td> <td>I take the longest time to orbit the sun.</td> <td>d</td> <td>battery</td> </tr> </tbody> </table>		<b>Column A</b>		<b>Column B</b>	<b>a</b>	I can have different shapes.	g	Neptune	<b>b</b>	I take 88 days to orbit the sun.	c	iron	<b>c</b>	I am attracted to magnets.	e	sound	<b>d</b>	I store energy.	a	magnet	<b>e</b>	I travel through vibrations.	b	Mercury	<b>f</b>	I change electrical energy into movement.	f	motor	<b>g</b>	I take the longest time to orbit the sun.	d	battery	6	1 mark for each correct answer. c.a.o.
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4. a.	marble; stone	1,1	1 mark for each correct answer. c.a.o.																																
b.	iron; steel	1,1	1 mark for each correct answer. c.a.o.																																
c. i.	plastic	1	c.a.o.																																
ii.	plastic does not absorb water; it is light to carry; it can be easily moulded into a watering can; it can carry water	2	Accept any other valid answer.																																
5. a.	water; metal	1,1	1 mark for each correct answer. c.a.o.																																

b. i.	Mirrors reflect light therefore you can see objects above sea level.	2	Accept any other valid answer.
ii.		1,1	1 mark for 3 lines indicating pathway of light. 1 mark for correct arrow direction.
c.	mirrors on car doors to see oncoming traffic; rear view mirror to see cars behind you; mirrors in supermarkets to see around corners; mirrors on the street to see oncoming cars; dentist mirror to see the back of your teeth.	2	Accept any other valid answer.

c.a.o. = correct answer only