



**SILVER BOOMERANG - TEST # 10 SCIENTIFIC DISCOVERY**

**The World Around Us**

**OPTIONAL**

*Cub Scouts must do any two of the following*



<b>1</b>	<b>Biology:</b>	
	a. Observe how an animal, bird, reptile or insect develops and behaves.	
	b. Report your findings.	
<b>2</b>	<b>Chemistry:</b> Perform an experiment that shows the difference between gas, liquid and solid states.	
<b>3</b>	<b>Geology:</b>	
	a. Explain how volcanoes erupt and earthquakes occur.	
	b. Show an experiment that illustrates one of these.	
<b>4</b>	<b>Physics:</b>	
	a. Show you understand the weather forecast.	
	b. Show how rain is formed.	
<b>5</b>	<b>Estimation:</b>	
	a. Estimate the distance from your Scout Hall door to the nearest road, from one end of the Hall to the other and the height of a flagpole or tree.	
	b. Check how accurately you have estimated these against known, accurate measurements.	

<b>EXAMINER:</b>
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<b>DATE COMPLETED:</b>
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<b>CUBS TESTED</b>			