



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

**The World Around Us**

**OPTIONAL**

*Cub Scouts must do any two of the following*



1	<b>Biology:</b> Explain what the major organs in the human body are and how they work.	
2	<b>Chemistry:</b>	
	a. Perform an experiment that shows a chemical reaction.	
	b. Explain what has happened.	
3	<b>Geology:</b>	
	a. Explain what minerals and fossils fuels are and how they are formed.	
	b. Talk about the minerals in your area.	
4	<b>Physics:</b> Demonstrate how sound moves through air, water or a solid object.	
5	<b>Estimation:</b>	
	a. Make a sundial and use it to tell time.	
	b.1. Measure the height of an object using the stick or shadow method.	
OR		
	b.2. Find North using a non-digital watch.	
OR		
	b.3. Find South using the Southern Cross.	

**EXAMINER:**

**DATE COMPLETED:**

<b>CUBS TESTED</b>			