

ASTRONOMY

SCIENCE BADGE SAMPLE ACTIVITY SHEET

This is a sample Astronomy Activity Sheet only. Its main purpose is to show you some of the interesting activities that you can do when you choose this badge. Also, you can use this sample sheet to start doing the badge activities, while your teacher is sending away for the full activity sheet and badge. If you have completed some of these activities before your full sheet arrives, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

Rating		Exercises in Forensics	Teacher's initials and date
1	*	Explain what black holes are and how they form.	
14	**	Design and construct a simple apparatus to demonstrate the difference between a solar and a lunar eclipse.	
30	***	Construct an astrolabe using information you gain from the internet.	
31	***	Fill a small bowl with 4 cm of flour. Drop small stones into the flour and record with a photo the shape of the crater that each stone creates. Using measurements, report what happens when you use larger stones or you drop the stones from a greater height.	
32	***	Make your own telescope from simple materials and measure its magnification. You will need 2 converging (convex) lenses, plus cardboard tubes.	
33	*	Describe a recent astronomical event	

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