

Sports Science

SCIENCE BADGE SAMPLE ACTIVITY SHEET

This is a sample Sports Science 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 Sports Science	Teacher's initials and date
3	*	Place a tennis ball on top of a basketball or soccer ball. Hold one hand under the basketball and the other on top of the tennis ball. Let go of both balls at the same time. Describe what happens. State why for an extra star.	
8	**	Choose 2 sports and present a PowerPoint or give a talk on the differences in body physique and how this aids their performance.	
9	**	Describe a particular sport scientist's work and outline an experiment that he or she has undertaken in the field of sport. This could be as a pamphlet or other publicity method of your choice.	
13	***	Conduct, and report on, an experiment to show how a spherical ball's circumference is related to the time it takes for the ball to fall?	
15	**	Full body swim suits are an advantage for competitive swimmers as they allow them to swim faster. Explain how these suits help swimmers to increase speed and list other sports that use the same principle to improve results.	
21	**	Draw a simple diagram of the body's double circulatory system. Label the heart, arteries, capillaries and veins. Explain the significance of the body's double circulatory system in a way that can be communicated to others.	

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