



**SCIENCE
BADGE**

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SPORT SCIENCE

This is a sample Sport 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.

Sample Sport Science Activity Sheet

Rating		Exercises in Sport 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	**	Different sports require different body physiques. Choose 2 sports in which particular body physiques enhance performance. Explain the key attributes.	
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	**	Sporting apparel enhances competitive advantage. Select 5 sports and explain with the advantages that have been improved over time.	
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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