

Raincoats

Approach: Station

Level: Year 8 & year 4

Resources: Dropper bottle with water; clock; paper towels;
4 squares of fabric— lining material (Marked A); water-resistant nylon (B); cotton (C); felt (D).

Questions/instructions

		% responses	
		year 8	year 4
<p>In this activity you will try to find out which fabric is best for a raincoat. You have 4 pieces of fabric.</p>			
<p>1. Test each fabric to find out which is the best for making a raincoat.</p>			
	controlled amount of water	28	0
	controlled time	18	1
	tested for water penetration	54	56
<p>2. Which fabric do you think is the best for making a raincoat?</p>			
	Fabric A	5	14
	B	95	85
	C	0	0
	D	0	1
<p>3. Why do you say this is the best fabric? Most students referred to water resistance.</p>			
<p>4. What did you find out about the other fabrics? Most students referred to water penetration.</p>			