

School				Mark (10)
Name		HKID		
Class (No.)		Date		

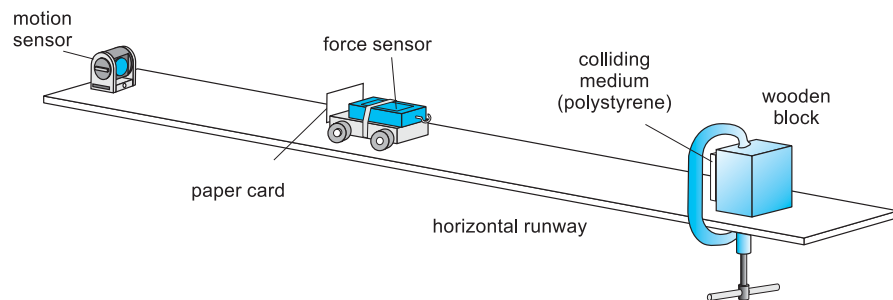
DL4 Impulse

Answers to Preview Questions

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Experiment Studying the force of impact during a collision



Experiment

Experiment 1 Step 8

Teacher's Remark

The total mass of the trolley and the force sensor, M _____

Table 1

Trial	1	2	3	4	5
Colliding material					
Area under $F-t$ graph ()					
Velocity just before impact, u ()					
Velocity just after impact, v ()					
Impulse, $M(v - u)$ ()					
Percent difference					

Answers to Discussion

- 1. _____

- 2. _____

- 3. _____

