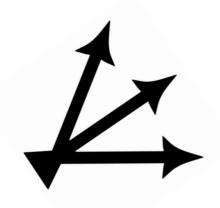
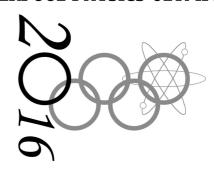
LIVERPOOL PHYSICS OLYMPICS





Hot Wheels

Aim	To release a car from a sloping track at the right height for the car to jump a gap and land on a target.				
Materials	1 ski jump	track	1 car		1 m rule
Method	Calculate the height using the laws of mechanics.Based on this value, choose three heights to use in three trials.				
Conditions	Your three chosen heights are tested in three consecutive trials.				
Time Limit	25 minutes				
Ranking	The ranking order will be determined by the product of the distances (over the three attempts) between the landing positions of the car and the target.				
Team Do not write below to	heights:			Resu	/t
				Ran	k