6

# **Year 10 foundation - Compound units**





#### **Presentation of work**

Needs Improvement	Satisfactory	Good	Excellent
Teacher Comment:			

## **Effort level**

Needs Improvement	Satisfactory	Good	Excellent

Teacher Comment:		

## **Topic areas covered and reviewed:**

Area	X	Į	$\checkmark$
1. Know the relationship between speed, distance and time			
2. Calculate speed, distance or time when given the other two			
3. Calculate s/d/t where a change in units is required			
4. Know the relationship between density, mass and volume			
5. Calculate density, mass or volume when given the other two			
6. Can give examples of practical examples of changing pressures			
7. Know the relationship between pressure, force and area			
8. Calculate pressure, force or area when given the other two			
9. Problem solve with compound units (DMV convert units)			
10. Calculate unit costs and identify best value			
11. Interpret a given graph e.g. a distance-time graph			
12. Construct a distance-time graph from given information			
13. Calculate speed or acceleration from a graph.			

### **Key Words/Spelling**

distance speed time mph km/h m/s
density mass volume kg/m³ g/cm³
pressure force area Newtons N N/m <sup>2</sup> N/cm <sup>2</sup>
velocity acceleration
unit cost unitary method

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