

# curriculum map

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## **1 Math for Chemistry**

### **1.1 Mathematics Review**

#### **1.1.1 Laws of exponents**

$$10^a \times 10^b = 10^{a+b}$$

### **1.2 Measurement**

quantity	name	abbrev
length		
mass		
time		
amount(of substance)		
temperature		
electric current		
luminous intensity		

factor	prefix	the long way	abbrev
$10^{18}$	exa		E
$10^{15}$	peta		P
$10^{12}$	tera		T
$10^9$	giga		G
$10^6$	mega		M

### **1.3 Base and Derived Units**

### **1.4 Tools for measurement**

### **1.5 Rules of Sig Figs**

#### **1.5.1 practice**

1. 143 cm = \_\_\_\_\_ m
2. 674 m = \_\_\_\_\_ mm
3. 0.1235 km = \_\_\_\_\_ m
4. 164 m = \_\_\_\_\_ km
5. 1.117 mL = \_\_\_\_\_ L
6. 143cm = \_\_\_\_\_ m
7. 143cm = \_\_\_\_\_ m
8. 143cm = \_\_\_\_\_ m

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