Name:_____   Date:_____

Chapter 1 Self-Assessment

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
1.1			
I can identify which SI unit would be appropriate for measuring a specific distance.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain my choice of SI unit for a particular measurement.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can identify which of my SI referents is appropriate for a particular measurement.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain my method of estimating a distance in SI using my referents.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can convert units within the SI system.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can solve a problem that involves linear measurement.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can use an instrument to measure in SI units.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain my strategy for determining a linear measurement, such as the circumference of an object.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes

Name: _____ Date: _____

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
1.2			
I can identify which imperial unit would be appropriate for measuring a specific distance.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain my choice of imperial unit for a particular measurement.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can provide an imperial referent for measuring a particular distance.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can describe a strategy for determining a linear measurement in imperial units.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can convert distance units within the imperial system.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can solve a problem using an imperial measuring instrument.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can estimate a linear measurement using a personal referent.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can read the markings on an imperial ruler.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can use an instrument to measure in imperial units.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes

Name: _____ Date: _____

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
1.3			
I can compare SI and imperial units using a referent.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can convert units from SI to imperial.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can convert units from imperial to SI.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can select an appropriate unit for measuring a distance.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain my reason for selecting a particular unit for measuring a distance.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can solve a problem that involves converting a linear measurement between SI and imperial units.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can recognize an imperial ruler and an SI ruler.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can use mental mathematics to confirm the reasonableness of a conversion.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain one method of converting a linear measurement between the SI and imperial systems.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes