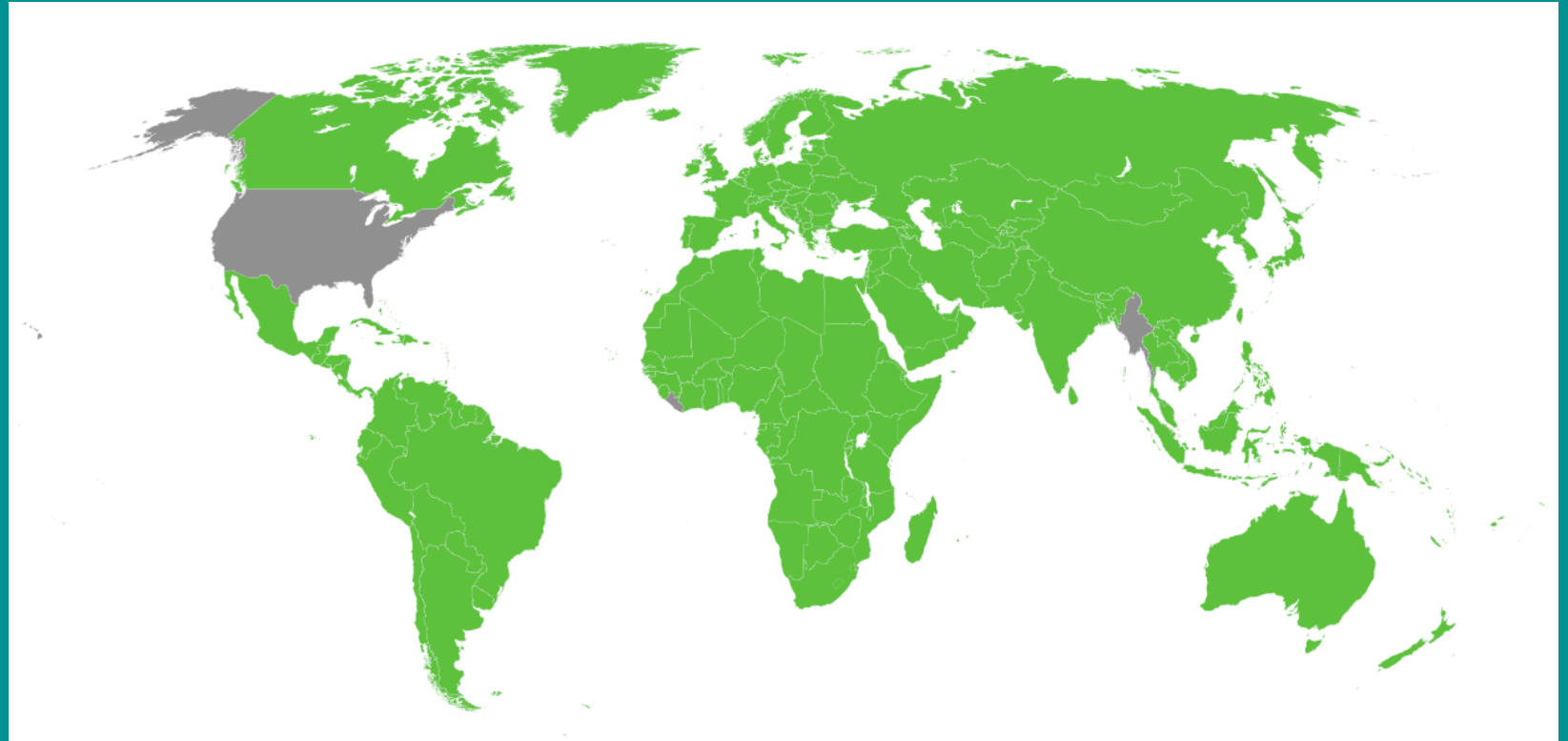


METRICS



Essential Questions:

- Why do you need to know about the metric system?
- How does the metric system work?

- Why know it?
 1. U.S. one of only 3 countries that doesn't use metric system.
 2. Travel outside U.S. requires that you know metric units.
 3. All science classes use metric system.
 4. All medical professionals use metric system, (including in U.S.)

- **How does it work?**
- Based on a decimal system (base 10).
- There are three “BASE” units
 - **meter** (for linear measurement, distance)
 - **liter** (liquid volume)
 - **gram** (mass).
- Each power of 10 name based on Latin & Greek prefixes.

Symbols and prefixes

m	milli	1/1000th
c	centi	1/100th
d	deci	1/10th
D	deca	10
H	hecto	100
K	kilo	1000

There are more prefixes you will use in later science classes.

