

Title/Topic: MetricsDate: 9/9/16

Essential Questions:

- why know about metric syst.?
- How does m. syst. work?

Connections/Questions:

Why should we know? 1

How it work? 2

What prefix mean? 3

Notes:

• why know?

- only 3 countries don't use
- travel
- sci. classes
- medical

• How does it work?

- BASE 10
- BASE units
  - meter
  - Liter
  - gram
- prefixes

• Symbols/ prefixes

m - <u>milli</u>	$\frac{1}{1000}$
c - <u>centi</u>	$\frac{1}{100}$
d - deci	$\frac{1}{10}$
D - deca	10
H - hecto	100
K - <u>kilo</u>	1000

• other prefixes later

giga - mega - nano - micro -

Summary:

We should know about m. syst. b/c most countries use it, + sci. class + medical field uses it. It is a base 10 system that uses base units + prefixes to show multiples or fractions of units.