Measurement Mondays Curriculum

Introduction: Reading a ruler
Fractions: 1, ½, ¼, 1/8, 1/16
What is half of 1? Half of ½? Etc.
What is the pattern?
Relate to money 1=dollar; ½= half dollar or 2 quarters; ¼= quarter
How many quarters in a dollar? (How many 1/4s in one?)
How many 1/8’s in 1?
How many 1/16 in 1?

Relate to Ruler
Label parts of ruler:
what do you notice about the length of the lines?
What do the different length of lines mean?
how are inches marked?
how are ½ inches marked?
Ruler quiz: Label marks on the ruler.

Reading Measures:
  ¼ inch
Find ¾ of an inch.
  1 ½ inch
  2 ¼ inch
  1 1/18 inch
  3/8 of an inch
  1/16 of an inch.

Measuring quiz:

Measurement:
1. Linear Measurement (English measures)
   A. Feet, inches, fraction of inches, measuring with a ruler,
      Height of person
      Length of room
      Length of table
      Height of room, length of chalkboard
      Attach units to each measurement
   
   B. Yards
      Distance to next building
Length of football field
Length of track

C. Converting & reducing
  Feet to inches
  Inches to feet
  Feet to yard.

D. Estimating
  Nearest foot,
  Nearest inch
  Nearest yard

2. Linear Measurement (Metric measures)
   A. What are the metric measures?
   What are the metric measures closest to inch, foot and yard?
   B. Converting metric to English measures: English to metric

3. Area measures
   A. formula for square, rectangle
   B. Units squared
   Area of classroom;
   C. area of a circle (formula)

4. Volume: Three-dimensional measure
   A. Volume of a cube
   B. Volume of a cylinder

5. Liquid measures (English measures)

6. Liquid measures (metric)

7. Weight (equipment?)