

# Measurement System Project

Name: \_\_\_\_\_

## Measurement System

Base Units	Base unit and 2 that are clearly based on the base unit. Measurement system can stand alone without imperial or metric systems. Units can be used to measure a wide range of lengths	Base unit and 2 that are clearly based on the base unit. Units can be used to measure a wide range of lengths	System has 2 units that can be used to measure a wide range of measurements.	System might be missing some units, or units might be too close in size. System can't really be used without support from metric or imperial systems
Unit Conversions	Clear chart showing conversions between units for base system and metric. Unit conversions are clear and show conversion factors	Clear chart showing conversions between units. Unit conversions are clear, but may contain errors or conversion factors may not be used appropriately	Unit conversions are unclear or contain errors. No conversion factors have been used	Unit conversions or calculations missing.
Ruler	Ruler is clearly labeled with measurements. Ruler is of sufficient length to be useful and shows several units. Units are divided into clear sections.	Ruler is clearly labeled but may not be of sufficient length to show enough units to be useful.	Ruler is clearly labeled but not of sufficient length. Units are not divided into usable sections	Ruler is not useful or not labeled
Measurement	Accurate measurement of 2 objects using your ruler. Conversion to metric units is well explained with no errors	Accurate measurement of 2 objects. Conversion to metric units contains no errors	Only 1 accurate measurement made or conversion contains minor errors.	Measurement is inaccurate or conversion to metric units is incorrect.
Video	Contains an accurate description of the measurement system and explains unit conversions clearly.	Video contains all criteria, but explanations may be vague or incomplete.	Video missing several criteria	No Video
Creativity and Presentation	Wow! Super Awesome! Original ideas that were well presented	Creative and original ideas with good presentation.	Ideas show originality and creativity.	Basic criteria met.