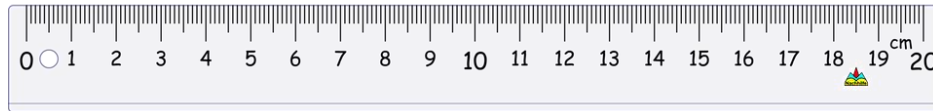


Name:
Due Date:

College & Career Awareness
Technology and Engineering, Skilled Technical Science Pathway
Measurement
Cycle: Orientation



Overview: Safety is freedom from danger, risks, or accidents that may result in injury, death or damage. Every year over 6,000 Americans die from workplace injuries. An estimated 50,000 die from illness caused by workplace chemical exposure and 6 million suffer non-fatal workplace injuries. Injuries alone cost the economy more than 110 million \$ a year.

Essential questions: How does being self-aware prevent injuries? Why is it important for Engineers to be able to communicate precise measurements?

Checklist:

_____ 1. Record input

_____ 2. Complete the safety quiz and hand it into Ms. Emily

_____ 3. Explore the history of measurement

_____ 4. Complete the licorice measurement lab & record in your output

_____ 5. Record the measurements of the 6 items set out in the kitchen: Don't forget to use units.

- | | |
|----------|----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |

_____ 6. Create a timeline using Google Draw in one of the following: transportation, communication, heating/cooling, food preservation, lightening, dental care, planes, cars, clothing, ways to enjoy music, etc.
