

| D A Y I N U N I T | <p>*Content Strand From KY Combined Curriculum Document: AE 2.1, AE 2.4 From Quality Core for Biology: A2a, A2b, A2c, A4d From NGSS: MS.PS.FMa</p> <p>*Essential Questions -WHY?? -How do you know? Curriculum document Common Core</p> | <p>Vocabulary/ Vocab Activity Activities Activities II</p> | <p>Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhlenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples)</p> | <p>Literacy/Reading in the Content Literacy Ideas</p> | <p>Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/ Strategies More Ideas</p> | <p>Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/Ideas 9 Types Big Explanation Tool</p> | <p>Technology 50 Ideas</p> |
|---|---|---|--|---|--|--|--|
| 1 | <p>*Learning Target -I Can *organize data into tables and graphs. *create data tables. *create accurate graphs. *compare and contrast independent and dependent variables. * analyze and evaluate data.</p> | | <p>Interpreting Data : Horizontal and Vertical Bar Graphs, Line Graph and Circle Graph</p> <p>Graphing Practice: Use collected data to create accurate graphical representations</p> | | | | |
| 2 | <p>*Learning Target -I Can * define measurement in terms of metric units and prefixes</p> | <p>Vocabulary Graphic Organizer: Quantity, Unit, Symbol, Definition & Other Information for</p> <ol style="list-style-type: none"> 1. Length 2. Volume 3. Temperature 4. Mass 5. Weight 6. Time | | | | | |

| D A Y I N U N I T | <p>*Content Strand From KY Combined Curriculum Document: AE 2.1, AE 2.4 From Quality Core for Biology: A2a, A2b, A2c, A4d From NGSS: MS.PS.FMa</p> <p>*Essential Questions -WHY?? -How do you know? Curriculum document Common Core</p> | <p>Vocabulary/ Vocab Activity Activities Activities II</p> | <p>Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhlenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples)</p> | <p>Literacy/Reading in the Content Literacy Ideas</p> | <p>Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/Strategies More Ideas</p> | <p>Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/Ideas 9 Types Big Explanation Tool</p> | <p>Technology 50 Ideas</p> |
|---|---|--|--|---|---|--|--|
| 3 | <p>*Learning Target -I Can *accurately measure distance *accurately measure volume *accurately measure mass</p> | | <p>Scientific Processes- Tools and Measurements: Practice Using Tools and Reading Measurements</p> | | | | |
| 4 | <p>*Learning Target -I Can *accurately measure distance</p> | | | | <p>Metric Measurement: Length Activity (cm & mm)</p> | | |
| 5 | <p>*Learning Target -I Can *accurately measure distance *compare and contrast independent and dependent variables. * analyze and evaluate data.</p> | | <p>Measuring Lung Capacity Lab: Measuring Diameter of an Inflated Balloon</p> | | | | |
| 6 | <p>*Learning Target -I Can *accurately measure volume</p> | | | | <p>Metric Measurement- Volume Activity (regular and irregular objects)</p> | | |

| D A Y U N I T | *Content Strand *Learning Target -I Can *Essential Questions -WHY?? -How do you know? Curriculum document Common Core | Vocabulary/ Vocab Activity Activities Activities II | Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhlenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples) | Literacy/Reading in the Content Literacy Ideas | Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/ Strategies More Ideas | Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/Ideas 9 Types Big Explanation Tool | Technology 50 Ideas |
|-------------------------------------|--|--|--|--|--|---|--|
| 7 | *Learning Target -I Can *accurately measure volume * analyze and evaluate data. | | Volume Lab | | | | |
| 8 | *Learning Target -I Can *accurately measure distance *accurately measure volume *accurately measure mass * analyze and evaluate data. | | Lab: Measure a Bean, Why? | | | | |
| 9 | *Learning Target -I Can *accurately measure distance *accurately measure volume *accurately measure mass * analyze and evaluate data. | | Lab: Measure a Bean, Why? | | | | |
| 1 0 | *Learning Target -I Can *accurately measure temperature * analyze and evaluate data. | | Insulation Lab | | | | |

| D A Y U N I T | *Content Strand *Learning Target -I Can *Essential Questions -WHY?? -How do you know? Curriculum document Common Core | Vocabulary/ Vocab Activity Activities Activities II | Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhlenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples) | Literacy/Reading in the Content Literacy Ideas | Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/ Strategies More Ideas | Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/ Ideas 9 Types Big Explanation Tool | Technology 50 Ideas |
|-------------------------------------|--|--|--|--|--|--|--|
| 1 1 | *Learning Target -I Can * convert from one metric unit to another | | Metric Mania-Metric Conversions PowerPoint Introduce two methods for converting metric units (train track & dimensional analysis) | | | | |
| 1 2 | *Learning Target -I Can * convert from one metric unit to another | | | | | Students Practice Metric Conversions Using Train Track Method or Dimensional Analysis | |
| 1 3 | *Learning Target -I Can * convert from one metric unit to another | | | | | | Metric Conversions Web Activity |
| 1 4 | *Learning Target -I Can * convert from one metric unit to another | | Metric Conversion Word Problems: Highlighter Activity | | | | |
| 1 5 | *Learning Target -I Can *organize data into tables and graphs. *create data tables. *create accurate graphs. *compare and contrast independent and dependent variables. * analyze and evaluate data. | | | | Unit 2 Test: Measurement and Math in Science | | |

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| | <ul style="list-style-type: none">* define measurement in terms of metric units and prefixes*accurately measure distance*accurately measure volume*accurately measure mass*accurately measure temperature* convert from one metric unit to another | | | | | | |
|--|---|--|--|--|--|--|--|