

# Common Core Lesson Planning Template

<b>Grade Level</b> 7	<b>Teacher/Room:</b> smith		Week of: 18-9 Dec 14-18	
<b>Unit Vocabulary:</b> invention, innovation, attributes, societal impacts, engineering design process, science, technology, artifact, prototype <b>Potential and Kinetic Energy</b>				
<b>Instructional Strategies Used:</b> peer to peer, media, review new material using Google sketch up, YouTube, computer				
Day 1	Day 2	Day 3	Day 4	Day 5
<b>Common Core Standard(s):</b> ENGR -11-2 –examine core concepts of engineering ENGR-11-4 will invent and innovate  Bcsi1-6 –internet resources  <b>ENGR 11-56 develop work ethics</b>	<b>Common Core Standard(s):</b> ENGR -11-2 –examine core concepts of engineering ENGR-11-4 will invent and innovate ENGR 11-56 develop work ethics	<b>Common Core Standard(s):</b> ENGR 11-56 develop work ethics	<b>Common Core Standard(s):</b> ENGR -11-2 –examine core concepts of engineering ENGR-11-4 will invent and innovate ENGR 11-56 develop work ethics	<b>Common Core Standard(s):</b> ENGR 11-56 develop work ethics
<b>EQ Question: I CAN</b> Tell what is difference in Potential and Kinetic Energy	<b>EQ Question:</b> Tell what is difference in Potential and Kinetic Energy	<b>EQ Question: I CAN</b> Tell what is difference in Potential and Kinetic Energy	<b>EQ Question: ICAN</b> Tell what is difference in Potential and Kinetic Energy	<b>EQ Question: I CAN</b> Tell what is difference in Potential and Kinetic Energy
<b>Mini Lesson: Difference in Potential and Kinetic Energy</b> <b>Activating Strategies:</b> Building Building group room mazes from the cardboard kits  <b>Gingerbread house groups too</b> <b>Resource/Materials: CTEA resources, power point IPAD Computers worksheet</b>	<b>SLO Post</b>	<b>Mini Lesson: building</b> <b>Activating Strategies:</b> FINISH HOMES AND COASTERS <b>Resource/Materials:</b> <b>Paper Cardstock tape and kits and knowledge of design</b> <b>Gingerbread house groups too</b>	<b>Mini Lesson: building</b> <b>Activating Strategies:</b> FINISH HOMES AND COASTERS <b>Resource/Materials:</b> <b>Paper Cardstock tape and kits and knowledge of design</b> <b>Gingerbread house groups too</b>	<b>WHITE CHRISTMAS</b>
<b>Differentiation:</b> <i>Content/Process/Product: individual and peer to peer help</i> <i>Grouping Strategy: flexible</i>	<b>Differentiation:</b> <i>Content/Process/Product: individual and peer to peer help</i> <i>Grouping Strategy: individual</i> <i>Formative: See what on the document they have completed</i>	<b>Differentiation:</b> <i>Content/Process/Product: manageable chunks,</i> <i>Grouping Strategy: whole group/girls vs boys / 2 groups</i> <i>Assessment first watch whole group</i>	<b>Differentiation:</b> <i>Content/Process/Product: manageable chunks,</i> <i>Grouping Strategy: flexible</i> <i>Assessment : see results from marble time</i>	<b>Differentiation:</b> <i>Content/Process/Product: break manageable chunks</i> <i>Grouping Strategy :flexible</i> <i>Assessment: see results from marble time</i>

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<b>Assessment :</b> <i>Formative: See what on the document they have completed</i> <b>Performance Based:</b> Successful tubing marble time	<b>Assessment:</b> <i>Formative: See what on the document they have completed</i> <b>Performance Based:</b> Completed Work	<b>Assessment:</b> <i>Formative:</i> listening to group discussion answers <i>Performance Based:</i> Presentation on Invention Assigned	<b>Assessment:</b> <i>Formative: keyboarding score</i> <i>Performance Based: see results on marble</i>	<b>Assessment:</b> <i>Formative:</i> listening to group discussion answers <i>Summative: Inventions Presentation</i> <i>Performance Based:</i> listening and seeing interaction marble results
<b>Homework:</b> 	<b>Homework:</b> 	<b>Homework: can do Google Research on inventors at home and Marble Maze and Gingerbread supplies</b>	<b>Homework:</b> 	<b>Homework:</b> 

Resources and Reflective Notes: used BYOD for defining and projector and kids type words as others explained what they mean-

Use YouTube on GOOGLE Classroom for inventors –

Also teach Google drive to students and how to share once password ok is established and upload on GC( Google Classroom)