

## COMPREHENSIVE LESSON PLAN TEMPLATE

<b>Instructor Name:</b> Leslie Humphreys		<b>Date Submitted:</b> October 21, 2013
<b>Class Location:</b> Garnet		
<b>LESSON BASICS</b>		
<b>Meaningful Topic:</b> Ethics in Medical Research	<b>Student Types/Group:</b> <input type="checkbox"/> ABE <input type="checkbox"/> ESL <input checked="" type="checkbox"/> HS Equiv Prep <input type="checkbox"/> Career Aware <input checked="" type="checkbox"/> College Prep <input type="checkbox"/> SPOKES <input type="checkbox"/> Computer Lit <input type="checkbox"/> Other: <a href="#">Click here to enter text.</a>	<b>Length of Lesson:</b> 3 hours Day 3 of 3
<b>Standard(s):</b> CCR Anchor 7: Integrate and evaluate content presented in diverse media and formats, including visually, quantitatively, as well as in words. CCR Anchor 4: (writing) Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. CCM 4.OA.1 Use the four operations with whole numbers to solve problems. (FFL Level 4)		<b>Depth of Knowledge:</b> <input checked="" type="checkbox"/> 1. Recall and Reproduction <input checked="" type="checkbox"/> 2. Skills and Concepts <input checked="" type="checkbox"/> 3. Short-term Strategic Thinking <input type="checkbox"/> 4. Extended Thinking
<b>Essential Question:</b> Is the issue of cervical cancer a global concern?		
<b>Objective(s):</b> Students will extend their exploration into the diagnosis/treatment/mortality rates of cervical cancer at a global level.		
<b>Required Materials/Equipment/Technology/Community Resources:</b> Laptop, document camera, projector, handouts, notebook paper, calculators		
<b>Prior Knowledge/Connections:</b> Cancer Computer research skills Research studies Internet research	<b>Required Vocabulary:</b> Epidermoid carcinoma Cervix Epithelial cells Abnormal Pioneered Hysterectomy Heckled Dearth Immortal Illegible Catheter Meticulously Pipette Contamination Visionary Insane	<b>Instructional Methods:</b> <input checked="" type="checkbox"/> Large Group <input checked="" type="checkbox"/> Small Group <input checked="" type="checkbox"/> Cooperative Learning <input type="checkbox"/> Project-based <input type="checkbox"/> Independent Study <input checked="" type="checkbox"/> Computer-assisted <input type="checkbox"/> One-on-One Tutorial <input checked="" type="checkbox"/> Individualized <input type="checkbox"/> Guest Speaker <input type="checkbox"/> Field Trip <input type="checkbox"/> Other: <a href="#">Click here to enter text.</a>

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<b>ACTIVITY PLAN</b>
<p><b>1. Warm-up/Review/Connections:</b> Students will answer the question, “Who has benefitted from He La cells?” creating a collage with their responses. (10 minutes)</p>
<p><b>2. Introduction to Content/Explanation:</b> Using pro/con chart, students will write an essay on an ethical issue from the He La unit.(45 minutes)</p>
<p><b>3. Presentation/Model the Learning Process:</b> Cervical cancer is a global issue. Students will examine a map of WV charting diagnosis/survival rates for cervical cancer by county. What conclusions can you draw from this information? (15 minutes)</p>
<p><b>4. Scaffolded/Guided Concrete Practice:</b> Solving percent problems from a chart or graph will be modeled. (20 minutes)</p>
<p><b>5. Communicative Concrete Practice and Grouping Strategies:</b> Students will work in small groups to complete a percent problem worksheet based on charts and statistical data worldwide. (30 minutes)</p>
<p><b>6. Independent Concrete Practice/Application:</b> Students will read an article updating the issue between Johns Hopkins and the Lack’s family and discuss its implications. (20 minutes)</p>
<p><b>7. Assessment:</b> Students will be assessed on the construction of their essay and mathematical calculations.</p>
<p><b>8. Wrap-up/Concluding Activity:</b> Students will post their completed essay on a poster under the correct heading. (10 minutes)</p>
<p><b>9. Instructor Reflection:</b>            What went well? <a href="#">Click here to enter text.</a>            What did not go as planned? <a href="#">Click here to enter text.</a>            What should change? <a href="#">Click here to enter text.</a>            What should be addressed in future lessons? <a href="#">Click here to enter text.</a></p>