

# Jefferson City Public Schools–Curriculum

**SUBJECT:** Elementary

**COURSE:** EER

**STRAND: Brain Storm**

| <b>Objectives</b>  | <b>Assessment/Evaluation</b>   | <b>Instructional Activities</b>   |
|--|--|---|
| <p>(A) Construct a model neuron and accurately label the parts of the neuron</p> <p><b>Performance:</b> 1.5, 1.8, 1.10, 2.5<br/> <b>Knowledge:</b> (CA) 3; (SC) 3<br/> <b>SCGLE:</b> SC3.2.Cc,f,g (gr. 8)</p>  | <p>Evaluate the neuron created out of four colors of modeling clay for accuracy and proper labeling of parts</p>   | <p>Complete diagram of a neuron using books and websites</p>  |
| <p>(B) Design a brain origami with twelve brain facts and two illustrations</p> <p><b>Performance:</b> 1.1, 1.2, 1.4, 2.1<br/> <b>Knowledge:</b> (CA) 1, 3, 4; (SC) 3<br/> <b>CAGLE:</b> R.1.H (gr. 8), IL.1.A-D (gr. 6)</p>                           | <p>Evaluate for:</p> <ul style="list-style-type: none"> <li>• grammar</li> <li>• spelling</li> <li>• punctuation</li> <li>• twelve appropriate facts about the brain</li> <li>• two brain-related illustrations</li> </ul>                           | <ul style="list-style-type: none"> <li>• Read books and magazines about the brain</li> <li>• Learn facts about the brain</li> <li>• Create an origami with facts and illustrations about the brain</li> </ul>   |
| <p>(C) Create a bar graph to show learning styles</p> <p><b>Performance:</b> 1.2, 1.6, 1.8, 2.1<br/> <b>Knowledge:</b> (CA) 2, 4; (MA) 1<br/> <b>MAGLE:</b> DP.1.A,C (gr. 6)</p>   | <p>Evaluate the bar graph for accuracy</p>   | <ul style="list-style-type: none"> <li>• Discuss different learning styles</li> <li>• Present learning style information</li> <li>• Read learning style inventory</li> <li>• Answer questions regarding learning styles</li> <li>• Calculate % for each learning style</li> <li>• Create a bar graph of learning style inventory</li> </ul> |
| <p>(D) Construct a learning style pie chart to accurately explain and illustrate the eight learning styles</p> <p><b>Performance:</b> 1.2, 1.4, 1.8, 2.1<br/> <b>Knowledge:</b> (CA) 1, 2, 4, 6<br/> <b>CAGLE:</b> R.1.H (gr. 8), IL.1.A-D (gr. 6)</p> | <p>Evaluate for:</p> <ul style="list-style-type: none"> <li>• accurate and creative illustrations</li> <li>• accurate information/descriptions of the eight learning styles</li> <li>• spelling</li> <li>• grammar</li> <li>• punctuation</li> </ul> | <ul style="list-style-type: none"> <li>• Work in small groups to gain knowledge about a learning style</li> <li>• Groups present learning style information to the class and students take notes</li> </ul>   |

| <b>Objectives</b>   | <b>Assessment/Evaluation</b>  | <b>Instructional Activities</b>   |
|---|---|---|
| <p>(E) Create a sketch of their brain booth and write an explanation of what the brain fair booth teaches about the brain</p> <p><b>Performance:</b> 1.1, 1.2, 1.4, 2.1<br/> <b>Knowledge:</b> (CA) 1, 3, 4<br/> <b>CAGLE:</b> W.1.Aa-c (gr. 6)<br/> <b>VAGLE:</b> EP.2.C (gr. 6)</p>                             | <p>Evaluate the booth for:</p> <ul style="list-style-type: none"> <li>• creativity</li> <li>• accurate explanation of what the booth teaches about the brain</li> </ul>   | <ul style="list-style-type: none"> <li>• Conduct research</li> <li>• Design a sketch of their brain booth</li> <li>• Explain how their booth teaches about the brain</li> </ul> |
| <p>(F) Design a brain fair booth with a brain related activity that teaches about the brain</p> <p><b>Performance:</b> 1.1, 1.2, 1.4, 1.7, 2.1<br/> <b>Knowledge:</b> (CA) 1, 3-6<br/> <b>CAGLE:</b> R.3.Aa (gr. 6), W.2.Ab (gr. 6), LS.2.A (gr. 6), IL.1.A-D (gr. 6)<br/> <b>SCGLE:</b> SC3.2.Cc,f,g (gr. 8)</p> | <p>Evaluate for:</p> <ul style="list-style-type: none"> <li>• spelling</li> <li>• grammar</li> <li>• punctuation</li> <li>• accurate information</li> <li>• creativity</li> <li>• brain booth presentation</li> </ul> | <p>After researching about the brain, students create/construct their own brain fair booth to teach about an aspect of the brain</p>  |