

Jefferson City Public Schools–Curriculum

SUBJECT: Elementary

COURSE: EER

STRAND: Brain Storm

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

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