# B-Aware! A Brain/Multiple Intelligence Awareness Unit

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<tr><td colspan="4">Unit: B-Aware! A Brain/Multiple Intelligence Awareness Unit<br>Teacher: Deb Marocco Grade Level: 6th<br>Subject(s): Science, Technology, Language Arts Time frame: 4 weeks</td></tr>
<tr><td>Goal(s): Given profile from MI survey student will explore, research and apply MI knowledge appropriately as measured by their successful identification, development and presentation of a project focused on the brain.</td><td>Intelligences:<br><br>IA<br>IE</td><td>Technologies:<br><br>Web<br><br>Email<br><br>Videos (Bill Nye, Nova, Scientific American Frontiers)<br><br>DVD camera<br><br>Powerpoint<br><br>Brain Game Software</td><td>NETS for Students:<br><br>1.1 Independent Reading<br>1.2 Reading Critically<br>1.3 Reading, Analyzing, Interpreting<br>1.4 Types of Writing<br>1.5 Quality of Writing<br>1.6 Speaking & Listening<br>1.7 Research<br>3.1 Unifying Themes<br>3.2 Inquiry & Design<br>3.3 Biological Sciences<br>3.6 Technology Education<br>3.7 Technological Devices<br>3.8 Science, Technology & Human Endeavors</td></tr>
<tr><td colspan="3">Materials:<br><br>Pencil, Paper, Cranium Game, Brain Mold, Plaster, Paints, Jello, Brain Monopoly Game, Brain Model, Modeling Clay</td><td>Intelligences:<br><br>ML VS BK NT</td></tr>
<tr><td colspan="3">Daily Tasks:<br>WEEK 1<br>DAY 1: Take MI survey, tally and discuss results<br><br>DAY 2 and 3: Reflect on MI strengths/weaknesses while involved in various brain activities (i.e. Cranium, Dr. Brain)<br><br>DAY 4: Explore Neuroscience for Kids web page-Brain Games; chat with MI partner(s) via email<br><br>DAY 5: View Brain videos: When watching videos use Roundtable Recording activity. Pencil and paper is passed around from student to student as each records something under “What I know about the brain” and “One question I still have about the brain”</td><td>Intelligences:<br><br>VL ML BK<br><br>All multiple intelligences<br><br>VS BK IE<br><br>VL BK IE IA</td></tr>
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| WEEK 2:<br>Study brain anatomy:<br>Make vocabulary cards and review<br>Pronunciation<br>Map out flow chart for divisions of brain and<br>Nervous system<br>Draw icons or pictures for vocabulary<br>Choose a musical instrument or sound or song<br>For each word<br>Create brain model from clay for each word<br>Compare brain to computer<br>Review neuroscience timeline and biographies<br>Review animal/human brain/skull<br>comparisons<br>Review and create brain metaphors<br>Activities:<br>*Walk it to Know it*-uses floor flow chart of brain and nervous system division vocabulary. Students walk as they verbalize each word by recognition of word or picture card or model or sound<br>*Match Game*-students are given vocabulary word card or picture card or sound/instrument or definition and walk to other students to find their match | <br><br>VL<br>LM<br><br>VS<br>MR<br><br>BK<br>IE<br>IR<br>NT<br>EX<br>VL BK |
| WEEK 3:<br>Study brain activity (Choose topic, formulate question/problem, research and present)<br>Eating/Speaking<br>Memory/Learning<br>Seeing<br>Hearing<br>Moving/Feeling<br>Smelling/Tasting<br>Neuroscience careers<br>Biological Rhythms/Animal Senses<br>Emotions | VL<br>LM<br>VS<br>MR<br>BK<br>IE<br>IR<br>NT<br>EX |
| WEEK 4:<br>Create and perform brain project | All (class brain movie) |

| **Assessment:** | **Intelligences:** |
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| PARTICIPATION RUBRIC: Attendance, Engagement, Listening, Preparation (from teachers.teach-nology.com)<br><br>QUIZ: Matching MI with definition<br><br>ACADEMIC PROMPT: How does your MI profile relate to your brain project? Using your _____intelligence answer What does your brain do? How can you take care of your brain?<br><br>RESEARCH RUBRIC: Question/problem/ideas generation, conclusions reached, information gathering, summary paragraph, punctuation & capitalization & spelling (from teach-nology.com)<br><br>PROJECT RUBRIC: Vision, Organization, Time Management, Knowledge Acquisition, Communication, Format, Speaking & Writing, Structure, Creativity, Demonstration (from teach-nology.com)<br><br>PRESENTATION RUBRIC: Organization, Content Knowledge,<br>Visuals, Mechanics, Delivery (from teach-nology.com) | BK VL BK IE IA<br><br>All: Student Choice |