






























# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Our Spectacular Solar System</b>
Grade Levels:	1-6
Curriculum Areas:	 Science
Measurable Objectives:	 TLW identify the planets in our solar system  TLW identify the characteristics of the planets  TLW create a project demonstrating knowledge planets and their characteristics.
LA Content Standards:	<b>ESS-E-B1</b> observing and describing the characteristics of objects in the sky <b>ESS-M-C1</b> identifying the characteristics of the sun and other stars <b>ESS-M-C2</b> comparing and contrasting the celestial bodies in our solar system
Technology Guidelines:	<ol style="list-style-type: none"> <li>1. <b>Technology Communication Tools (<i>Communication Foundation Skill</i>)</b> <ul style="list-style-type: none"> <li>◆ Students use telecommunications to collaborate, publish, and interact with peers, experts and other audiences.</li> <li>◆ Students use a variety of media and formats to communicate and present information and ideas effectively to multiple audiences.</li> </ul> </li> <li>2. <b>Technology Productivity Tools (<i>Resource Access and Utilization Foundation Skill</i>)</b> <ul style="list-style-type: none"> <li>◆ Students use technology tools to enhance learning, increase productivity, and promote creativity.</li> <li>◆ Students use productivity tools to work collaboratively in developing technology-rich, authentic, student-centered products.</li> </ul> </li> <li>3. <b>Technology Research Tools (<i>Linking and Generating Knowledge Foundation Skill</i>)</b> <ul style="list-style-type: none"> <li>◆ Students use appropriate technology to locate, evaluate, and collect information from a variety of sources.</li> <li>◆ Students use technology tools to process data and report results</li> </ul> </li> </ol>

Technology Connection:	<ul style="list-style-type: none"> <li> <a href="http://www.scholastic.com/magicschoolbus/games/teacher/space">http://www.scholastic.com/magicschoolbus/games/teacher/space</a></li> <li> <a href="http://www.scholastic.com/magicschoolbus/games/teacher/star">http://www.scholastic.com/magicschoolbus/games/teacher/star</a></li> <li> <a href="http://www.theteacherscorner.net/thematicunits/stars.htm">http://www.theteacherscorner.net/thematicunits/stars.htm</a></li> <li> Gale Group and WorldBook</li> <li> Internet</li> <li> PowerPoint</li> </ul>
Procedures:	<ul style="list-style-type: none"> <li> Using a TV with scan converter, the teacher will demonstrate how to research information on the solar system using Gale Group, World Book, and Internet searches.</li> <li> Demonstrate how to save a graphic for later use.</li> <li> For lower level students or resource students the class will complete a research sheet together.</li> <li> Complete "stars in a jar" activities (see teacherscorner url)</li> <li> Rotate students in class computer(s) or plan time in a lab to complete research</li> <li> Provide students with requirements: 1 graphic and 5-7 facts about each planet</li> <li> For lower level students, complete activities on the scholastic urls above</li> <li> Using the facts collected and pictures create a concentration game for students to play (idea reference: <a href="http://www.theteacherscorner.net/thematicunits/concentration.htm">http://www.theteacherscorner.net/thematicunits/concentration.htm</a>)</li> <li> Students will create a PowerPoint to demonstrate knowledge about our solar system and present to the class</li> <li> The teacher will create a booklet of the student projects</li> <li> <b>Extension:</b> Have students create questions with answers on business size cards. Use the cards to have a class solar system quiz bowl</li> </ul>
Materials:	<ul style="list-style-type: none"> <li> research worksheet</li> <li> card stock and paper to create booklet</li> <li> cards for quiz bowl questions</li> </ul>
Assessment:	<ul style="list-style-type: none"> <li> Student activity sheets and projects</li> </ul>
Teacher's Name:	<ul style="list-style-type: none"> <li> Mary McMahan</li> </ul>
School:	<ul style="list-style-type: none"> <li> Hammond Eastside Upper and Primary</li> </ul>