



# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Building a Gingerbread House!</b>
Grade Levels:	🖥️ Kindergarten-2 <sup>nd</sup> Grade
Curriculum Areas:	🖥️ Language Arts 🖥️ Technology 🖥️ Math
Measurable Objectives:	🖥️ TWS read <i>The Gingerbread Baby</i> by Jan Brett. 🖥️ TSW recognize units of measurement in gingerbread house or boy recipe. 🖥️ TSW compare and contrast the units of measurement found in recipes on a Double Bubble Map. 🖥️ TSW create a digital gingerbread house using an internet site.
LA Comprehensive Curriculum:	🖥️ Language Arts, Unit 4, Read It Again, Activity 3: Story Time (GLE 05, 06, 07a, 07c, 08, 14a, 14d) 🖥️ Math, Unit 7, Measurement in Our World, Activity 13: From Cups to Quarts (GLE 14, 17, 20, 28)
Grade Level Expectations: (GLEs)	Language Arts 5. Read books with predictable, repetitive text and simple illustrations (ELA-1-E1) 6. Identify that printed text is made up of sentences that begin with a capital letter and end with some type of punctuation(ELA-1-E2) 7. Demonstrate understanding of book and print concepts by doing the following: <ul style="list-style-type: none"> <li>• locating front and back covers, title pages, and inside pages of a book</li> <li>• isolating individual words in print (ELA-1-E2)</li> </ul> 8. Identify basic story elements, including simple plot sequences, setting, and simple character descriptions, in a favorite story using pictures and/or oral responses (ELA-1-E4) 14. Demonstrate understanding of information in texts read aloud using a variety of strategies, including: <ul style="list-style-type: none"> <li>• making predictions using prior knowledge and pictures</li> <li>• using pictures to resolve questions (ELA-7-E1)</li> </ul> Math

	<ul style="list-style-type: none"> <li>☞ Measure capacity using cups (M-2-E) (M-3-E) (M-1-E)</li> <li>☞ Measure and appropriately label measures of length and perimeter (i.e., inch, centimeter, foot), capacity (i.e., cup, quart, liter), and weight/mass (i.e., pound, kilogram) (M-1-E)</li> <li>☞ Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters) (M-2-E)</li> <li>☞ Compare units within the <b>same</b> system (inch is shorter than a foot, minute is shorter than an hour, day is shorter than a month, cup holds less than a quart) (M-3-E)</li> <li>☞ Generate questions that can be answered by collecting and analyzing data (D-3-E)</li> </ul>
K-12 Educational Technology Standards:	<ol style="list-style-type: none"> <li><b>1. 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> <li>◆ Students evaluate and select new information resources and technological innovations based on the appropriateness to specific tasks.</li> </ul> </li> <li><b>2. Social, Ethical, and Human Issues (<i>Citizenship Foundation Skill</i>)</b> <ul style="list-style-type: none"> <li>◆ Students understand the ethical, cultural, and societal issues related to technology.</li> <li>◆ Students practice responsible use of technology systems, information, and software.</li> <li>◆ Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.</li> </ul> </li> <li><b>3. Basic Operations and Concepts</b> <ul style="list-style-type: none"> <li>◆ Students demonstrate a sound understanding of the nature and operation of technology systems.</li> <li>◆ Students are proficient in the use of technology.</li> </ul> </li> </ol>
Technology Connection:	<ul style="list-style-type: none"> <li>☞ Gingerbread Baby Scanned into PowerPoint</li> <li>☞ Computer/TV/Scan Converter</li> <li>☞ Internet</li> <li>☞ <a href="http://www.janbrett.com/trim_a_jan_brett_gingerbread_baby_house.htm">http://www.janbrett.com/trim_a_jan_brett_gingerbread_baby_house.htm</a></li> <li>☞ Recipes; Gingerbread house <a href="http://homecooking.about.com/library/weekly/bl120797a.htm">http://homecooking.about.com/library/weekly/bl120797a.htm</a> Gingerbread boy cookies <a href="http://www.cs.cmu.edu/~mjw/recipes/cookies/gingerbread-cookies.html">http://www.cs.cmu.edu/~mjw/recipes/cookies/gingerbread-cookies.html</a></li> </ul>
Assessment:	<ul style="list-style-type: none"> <li>☞ Teacher observation on questioning</li> <li>☞ TSW print their digital gingerbread house.</li> </ul>
Procedures:	<ul style="list-style-type: none"> <li>☞ TTW begin the lesson by showing the students a picture of a gingerbread house that has not been decorated. (print from <a href="http://www.janbrett.com">www.janbrett.com</a> ) TTW then hold up a picture of a gingerbread boy.</li> </ul>

	<ul style="list-style-type: none"> <li>☞ TTW ask the students what do these two pictures have in common. TTW record their responses on the board.</li> <li>☞ TTW tell the students that today they are going to read a story called the <i>Gingerbread Baby</i> and because both a gingerbread house and gingerbread baby can be cooked; we are going to read a recipe and locate measurements in the recipes.</li> <li>☞ TTW read the book <i>us the TV/Computer/Scan Converter</i> connection in the room. TTW stop to ask questions as the story progresses.</li> <li>☞ After reading the story, TTW had out copies of a gingerbread house recipe and a gingerbread boy recipe. TTW group the students. TSW locate units of measurement used in each recipe and record them on a sheet. TSW use a Double Bubble Map with the teacher's guidance to compare and contrast the two recipes.</li> <li>☞ After discussing the amounts and units of measurements, TTW tell the students that they are going to create a digital gingerbread house. TTW explain that using a website the students will print their own original gingerbread house. These will be printed.</li> <li>☞ Extension: TSW write a story of a new adventure for the gingerbread baby.</li> </ul>
<b>Materials:</b>	<ul style="list-style-type: none"> <li>☞ Board and Markers</li> <li>☞ Book <i>Gingerbread Baby</i></li> <li>☞ Copies of Recipes</li> <li>☞ Recording sheet</li> <li>☞ Double Bubble Maps</li> </ul>
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