



# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Picture the Problem</b>
Grade Levels:	1-6
Curriculum Areas:	🖥️ Math
Measurable Objectives:	🖥️ TLW create an illustration of how to solve a mathematics problems.
LA Content Standards:	<p><b>N-5-E</b> selecting appropriate operation(s) (add, subtract, multiply, and divide) for a given situation</p> <p><b>N-6-E</b> applying a knowledge of basic math facts and arithmetic operations to real-life situations</p> <p><b>N-8-E</b> selecting and using appropriate computational methods and tools for given situations involving whole numbers (e.g., estimation, mental arithmetic, calculator, or paper and pencil)</p> <p><b>N-4-M</b> demonstrating a conceptual understanding of the meaning of the basic arithmetic operations (add, subtract, multiply and divide) and their relationships to each other</p> <p><b>N-5-M</b> applying an understanding of rational numbers and arithmetic operations to real-life situations</p> <p><b>N-7-M</b> selecting and using appropriate computational methods and tools for given situations involving rational numbers (e.g., estimation, or exact computation using mental arithmetic, calculator, computer, or paper and pencil)</p>
Technology Guidelines:	<p>Technology Communication Tools (<i>Communication Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>▪ Students use telecommunications to collaborate, publish, and interact with peers, experts and other audiences.</li> </ul> <p>Technology Problem-Solving and Decision-Making Tools (<i>Problem Solving Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>▪ Students use appropriate technology resources for solving problems and making informed decisions.</li> <li>▪ Students employ technology for real world problem solving.</li> </ul> <p>Technology Productivity Tools (<i>Resource Access and Utilization Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>▪ Students use technology tools to enhance learning, increase productivity, and promote creativity</li> </ul>
Technology Connection:	🖥️ KidPix3

<p>Procedures:</p>	<ul style="list-style-type: none"> <li>🖥️ Demonstrate how drawing diagrams and using pictures can help solve math problems</li> <li>🖥️ Use KidPix and multimedia station to draw diagrams and stamps to demonstrate the solving of the math problem</li> <li>🖥️ Using index cards give each student a problem to solve (type of problem will depend on the grade/ability of students)</li> <li>🖥️ Student will use KidPix to illustrate the problem given on the index card             <ol style="list-style-type: none"> <li>1. Slide one- write the problem</li> <li>2. Slide two- draw the solution</li> <li>3. Slide three- explain how the problem was solved</li> </ol> </li> <li>🖥️ Save each slide to a folder on the desktop- name with the student's initials and the slide number</li> <li>🖥️ Next the student will write two more problems and illustrate the same as above (name the slide in a similar manner)</li> <li>🖥️ Each student needs to create a title slide</li> <li>🖥️ The teacher will demonstrate how to move slides into a slide show and print in booklet form</li> <li>🖥️ Each student will move their slides into a slide show and save</li> <li>🖥️ Each student will present their slide show and print in a booklet form</li> </ul>
<p>Materials:</p>	<ul style="list-style-type: none"> <li>🖥️ math problems, index cards</li> </ul>
<p>Assessment:</p>	<ul style="list-style-type: none"> <li>🖥️ Student product</li> </ul>
<p>Teacher's Name:</p>	<ul style="list-style-type: none"> <li>🖥️ Mary McMahan</li> </ul>
<p>School:</p>	<ul style="list-style-type: none"> <li>🖥️ Hammond Eastside Upper and Primary</li> </ul>