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Title:	Math in Action
Grade Levels:	1 st Grade
Curriculum Areas:	<ul style="list-style-type: none">  Math  Technology Integration
Measurable Objectives:	<ul style="list-style-type: none">  TSW understand the difference between addition stories and subtraction stories.  TSW act out addition and subtraction stories.  TSW illustrate an addition or subtraction story in KidPix4 .
LA Comprehensive Curriculum:	<ul style="list-style-type: none">  Math:  Unit 2 Exploring Addition and Subtraction - Ways to Make Numbers Through 10  Activity 1: Let's Be Actors (GLE's 15, 17, 18)
Grade Level Expectations (GLE)	<p>15. Recognize real-life situations as addition or subtraction problems (N-5-E) (N-4-E)</p> <p>17. Use the equal sign (=) to express the relationship of equality (A-1-E)</p> <p>18. Use objects, pictures, and number sentences to represent real-life problem situations involving addition and subtraction (A-1-E) (A-3-E) (N-7-E)</p>
K12 Educational Technology Standards:	<p>1. Technology Research Tools (<i>Linking and Generating Knowledge Foundation Skill</i>)</p> <ul style="list-style-type: none"> ◆ Students use appropriate technology to locate, evaluate, and collect information from a variety of sources. ◆ Students use technology tools to process data and report results. ◆ Students evaluate and select new information resources and technological innovations based on the appropriateness to specific tasks. <p>2. Social, Ethical, and Human Issues (<i>Citizenship Foundation Skill</i>)</p> <ul style="list-style-type: none"> ◆ Students understand the ethical, cultural, and societal issues related to technology. ◆ Students practice responsible use of technology systems, information, and software. ◆ Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity. <p>3. Basic Operations and Concepts</p>

	<ul style="list-style-type: none"> ◆ Students demonstrate a sound understanding of the nature and operation of technology systems. ◆ Students are proficient in the use of technology.
Technology Connection:	<ul style="list-style-type: none">  <i>TV/Computer/Scan Converter</i>  <i>Internet</i>  <i>Digital Camera</i>  <i>KidPix4</i>  <i>Printer</i>
Procedures:	<ul style="list-style-type: none">  Introduction: TTW begin the lesson by asking 4 students to come to the front of the room. TTW ask the students to count the number of students in the front of the room. TTW then ask 2 more students to join the group leaving a space between the 2 groups. TTW ask the student to count the number of children in the front of the room now. On the board the teacher will write the addition proble $4+2=6$. TTW do the same with subtracting. TTW explain that today they will be practicing making addition and subtraction stories and that the students will be able to become actors for the stories.  Procedures: On the TV/Computer/Scan Converter, TTW show the interactive 5 Little Monkeys from http://www.priorywoods.middlesbrough.sch.uk/previews/monkey.htm website. After viewing the activity, TTW ask 5 volunteers to come to the front of the room. TTW take digital pictures of the students acting like monkeys and the subtracting of each monkey as it falls off of the bed. TTW write the corresponding subtracting sentence on the board.  After the students have practiced making subtraction problems, TSW volunteer to add monkeys into bed again. TTW again take digital pictures of each addition problem and its corresponding addition sentence.  After the teacher demonstrates on the TV/Computer/Scan Converter KidPix4, TSW rotate to the computers in the room to stamp addition or subtraction story problems. TSW print their problem to share with the class.  Closure: TSW volunteer to share story problems with class. TTW write out these students story problem with it corresponding addition or subtraction sentence.  Extension: TTW import the digital pictures into PowerPoint presentation with each corresponding addition or subtraction sentence. The PowerPoint will loop continuously throughout

	the Unit on Addition and Subtraction.
Materials:	 Board and Markers  Printer and Paper
Assessment:	 TSW print a copy of their story problem.  TTW observe during activity.
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