

Integration Ideas for the Digital Camera for Grades K-2
Submitted by Bowie, Marshall, and Moore Elementary Teachers

Subject Area	Topic	Activity
Language Arts		
Language Arts	Antonyms	Take pictures of opposites – (black object and white object; daytime and nighttime; someone running and someone walking; etc.) Post the pictures on a wall matched with its opposite or put the pictures in a center for the students to match.
	Nouns	Students take pictures of various people, places, and things. The pictures can be used in a center or put on a bulletin board sorted into the proper category.
	Verbs	Students take pictures that show verbs – someone running, walking, writing, playing, etc.
	Adjectives	Students can take pictures of children demonstrating different emotions, swatches of color from around the room or building, items to show size (big, little, etc.) Students understand that adjectives are used to describe a wide variety of things.
	Parts of Speech	Use pictures from the activities above to write sentences using all three parts of speech.
	Homophones	Students can take pictures of things that are homophones. Then label with the correct word or sentence that shows the difference in meaning.
	Sequencing	Take individual pictures that tell a story. Students put them in the correct order. Extend by having the students write the story.
	Compare/Contrast	Take pictures of each student at the beginning of the year and another one at the end of the year. Students then complete a Venn Diagram comparing/contrasting the two photos
	Compound Words	Take pictures of things that can be put with another to make a compound word. Have the students match up the pictures to create the word. (Ex. A picture of a foot paired with a picture of a ball to make “football”.)

Language Arts	Reading	Take pictures of students or staff member reading and make "I Love to Read" posters.
		Take pictures of students reading books by different authors. The students can write about why they like that particular author. Put the pictures and their writing into a book called <u>A to Z Authors</u> .
	Writing	Take a variety of photos to use as writing prompts throughout the year.
		Students interview staff members and take pictures of them performing their job.
		Students make a rebus book. They write sentences and use photos they have taken to replace some of the words.
	Create an "All About Me" collage of pictures at the beginning of the year. Take a picture of the student and have them take pictures of things about themselves. Write a personal narrative to go along with the collage.	
	Vocabulary	Words with multiple meanings – Take pictures that illustrate the various meanings of one word. (Ex. <i>light</i> – take a picture of: an actual light, a feather on a scale, something pale in color) Display the pictures along with the word so that the students can see the different meanings.
Math		
Math	Measurement	Students take pictures of items that weigh more than a pound and those that weigh less than a pound. Post on a wall or bulletin board.
		Take pictures of different sized objects and sort according to the appropriate measurement increments (centimeters, inches, feet, yards). Can do a similar activity for measuring weight.
	Graphing	Take pictures of your students, attach to construction paper or tagboard to make sturdy, then laminate. Use throughout the year to build graphs of various things (getting to school, favorite pet, etc.)

	Graphing	Take pictures of the different types of transportation students might use to get home from school. Make multiple copies of each and create a bar graph on the wall to show the different modes. If possible, take pictures of the kids in front of the type of transportation they use – the graph will also serve as a visual reminder of how they get home.
Math	Geometry	Take pictures of items representing various shapes (flat and 3-D). Students can use to sort by attribute or to do matching.
		Make a shape book.
	Computation	Take pictures of students in various sets (2 boys, 3 girls, etc.). Laminate and put into a center. Students can create number sentences with the pictures. Extend by having them write story problems to go with the number sentence.
	Money	K-1 students go to an adult in the building and ask them to empty the change from their purse or pocket and spread it out on a table. The students take pictures of the group of coins. Back in the room the pictures can be used for different money activities such as counting the total amount of money.
Take pictures of items with various prices on them (or attach a price to the photo later). <ul style="list-style-type: none"> • Students can arrange the pictures in order from least to most expensive. • Students can write story problems using the pictures. • Use the pictures for money problems involving the making of change. 		
Science		
Science	Weather	Take pictures of different cloud types.
		Take pictures of the outdoors as different types of weather occur (windy, rainy, sunny, etc.)
	Habitats	Students take pictures of various habitats around the school.
		Take pictures of a variety of animals. Sort by habitat.

Science	Animals	Use the same animal pictures taken for the habitat lesson. Depending on the grade level students can simply identify the animal (match with its name), classify according to type (mammal, reptile, etc.), sort based on other attributes (number of legs, fur or feathers, etc.)
	Scientific Method	Take pictures of students demonstrating each step of the scientific method.
	General	Take pictures of various types of equipment that are used around school. Label and explain what it is used for.
		Take pictures of people at different ages (baby, toddler...elderly). Sequence and label to show human growth and change.
		Take pictures of students each six weeks and create a growth and change timeline
Social Studies		
Social Studies	Geography	Make a map of the school. Students then take pictures of various places around the school and put the pictures on the correct spot on the map.
		Take photos of the state symbols (bird, tree, flag, etc.)
	Community	Take pictures of people doing various jobs for career week.
		Take photos of school personnel at work to make a display or book of service workers. They can also include those workers who come to the school to provide a service (the UPS man, HVAC and other maintenance workers, milk delivery man, etc.)
		Take pictures of different types of transportation. Students can compare similarities and differences.
		Take pictures of different people (policeman, fireman, crossing guard, student, etc.) Take pictures of places (police station, fire station, school, etc.). Match the person to the place they would work or spend time.
	Character	Take pictures of students demonstrating appropriate behaviors (raising hand, standing properly in line, putting trash in a trash can, etc.)
Timmy Trustworthy Tiger – Each child takes home this character on a different night. Take a picture of Timmy doing something trustworthy and write it in his journal.		

Social Studies	History	Take a picture of different events that occur each month. Print the pictures and build a timeline. (Can be done for just a classroom or school wide.)
		Take pictures of historical landmarks around town, and then research each one. Put into a book or slide show about your town.
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General		
General	PE	Take a picture of something in nature, then use the picture as a reference point for artwork.
	Art	Take pictures of students using proper technique for playing and/or handling instruments; post around room for reference.
	Music	Take pictures to use in a slide show of fingering placement for the recorder
		Use photos that have been taken to sort objects by attribute – number of sides, shapes, type of angle, geometric solids, etc. Can also be extended to science. Use any of the photos that have been taken throughout the year – sort living/ non-living, inside/outside; sort by plant attributes (flowering/non-flowering, deciduous/evergreen) or animal attributes (with fur, with feathers, four legs, two legs, etc.) If you use a variety of the photos that have been taken over the course of the year, you might not need to take any additional ones for the activity.
	Attributes	Cooking Experiences – Take pictures of each of the steps – preparation, cooking, dining, clean up
	Cooking	Take pictures of multi-step activities and put in a center for students to sequence. (Ex. Step 1 – blocks, Step 2 – build w/blocks, Step 3 – finish building, Step 4 – Clean up)
	Multi-Step	