



MOUSE IN LOVE
by
Robert Kraus

Mouse thinks he's in love, but he's not sure, so he uses a daisy to find out. "She loves me; she loves me not. She loves me; she loves me not." Of course now that he thinks he's in love, he has to find the girl he's in love with!

To transition to this activity, remind your children of what Mouse did to see if "she loves" him. Ask them what they think would determine the answer.

MATERIALS: Activity #1 -- one daisy per student
Activity #2 -- "Daisy Sheet", crayons, graph paper

ACTIVITIES: Activity #1: Demonstrate the techniques of carefully pulling one petal at a time off the daisy as you say, "She loves me; she loves me not. She loves me; she loves me not". Give each student a daisy; have them predict the outcome. Let them carefully determine if they are loved or not. Lead them to the conclusion that the number of petals on the flower dictates the response. If there is an even number of petals, the answer will be "She loves me not". If there are an odd number of petals, the answer will be "She loves me". So, do all flowers of the same type have either an odd or even number of petals? Investigate other flowers -- do different flowers have odd and different even? Is there consistency? Is there the same number of petals on most flowers of the same type? Activity #2: Give each student the Daisy sheet. Instruct them to color the daisies which have an even number of petals **yellow** and those which have an odd number of petals **pink**. When they have finished coloring, have them tally up all of the **odds** and then all of the **evens**. Have them color in one square on the graph paper for each flower; one pink for odd, one yellow for even. Have them analyze the results.

STANDARDS:

BSL: 1.3, 1.8, 1.10, 2.1, 4.1, 5.1, 9.4, 12.4

NCTM: 4d, 4e, 5a, 5b, 6a, 6b, 6c, 6d, 11a, 11b, 11d, 13a, 13b, 13c

SCS: A1, C1, H1

Kraus, Robert. Mouse In Love. Illus. by Jose Aruego and Ariane Dewey. NY: Orchard Books, c2000. ISBNX0531302970.

Trivizas, Eugene. The Three Little Wolves and the Big Bad Pig Illus. by Helen Oxenbury NY: Aladdin, 1997. ISBN#06898I528X The little wolves' increasingly sturdy dwellings are no match for the persistent Big Bad Pig, until they finally build a house of Flowers!

DAISY SHEET

Color each daisy with an even number of petals **yellow**. Color each daisy with an odd number of petals **pink**.

