

FAMILY ADVENTURES WITH MATH & SCIENCE

Family Adventures with . . . BUGS *Challenging Activities*

- ❑ Read the book *Bugs* by Nancy Winslow Parker and Joan Richards Wright, located in the kit. What bug have you seen before? What bugs have you not seen?
- ❑ Use the **magnifier** located in the kit to examine a **plastic bug**. Observe the body parts, legs, eyes, and antennae.
- ❑ Create an original bug using the **insect stencils** located in the kit. Look through the insect stencils and find parts of insects you find interesting to put together to create your new, original bug. Color and name it.
- ❑ Check out *Pet Bugs: A Guide to Catching and Keeping Touchable Insects* by Sally Kneidel from the local library for information on how to safely observe real bugs.
- ❑ Directions to make an insect net to help capture flying insects for observation:
 1. Take 1/2 yard of net and cut it in half so that you have a piece of net 18 inches by 30-36 inches.
 2. Sew the two 18-inch sides together to form a tube. (You may want to use a product such as Jiffy Sew rather than a needle and thread.)
 3. Take a wire coat hanger and straighten the hook part. Form a circle with the triangular part of the coat hanger.
 4. Sew one end of the tube over the circle hanger. Gather the other end of the tube and tie it tight so the insects can't escape.
 5. Attach the hanger to a dowel rod by duct taping the straightened hook to the end of a dowel rod.
 6. **Enjoy your net, but be careful of bees and other flying insects that might sting!**