

Numeracy K January 18

Activity 1: Pattern Bugs

Materials Needed:

- The book Pattern Bugs by Trudy Harris, or listen to this video [here](#).

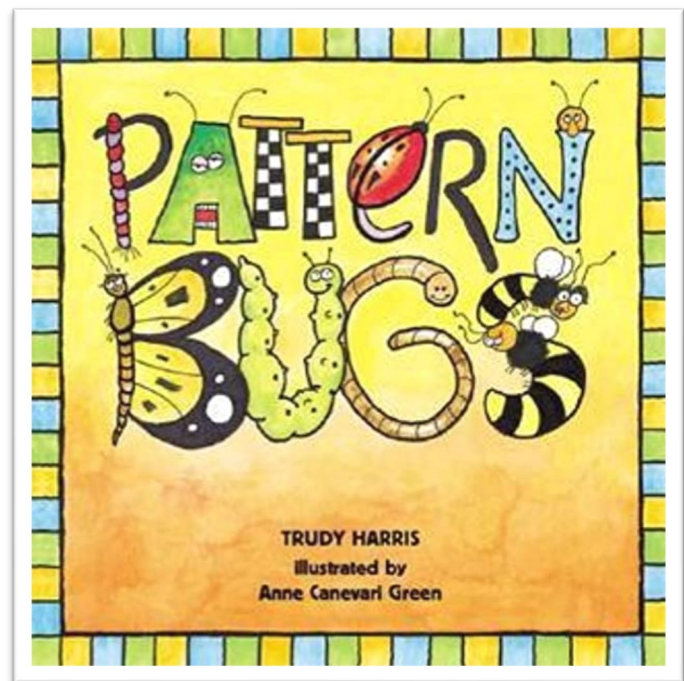
Task Instructions:

Have students search for the numerous patterns represented on each page. Read the book through a second time, making body movements with your child to follow the pattern on each page. For example, the first page, AB AB, could be snap clap, snap clap. Or crouch down, jump up, crouch down, jump up.

[Other patterns are: ABC ABC, AAAB AAAB, AABC AABC, ABB ABB, AAB AAB, ABCC ABCC.]
Introduce your child to the idea that letters represent the unique elements, and the order of the letter shows the way they repeat.

Next, walk through your home or classroom and discuss the patterns you see: stripes in a piece of candy (red, white, red, white), piano keys (white, black, white, black, white, white, black, white, black, white, black, repeat), colors on a checkerboard, stripes on an airmail envelope (white, blue, white, blue)... etc...

Go back through the book (or look at patterns around the house), discussing how to label a pattern with letters. [For example, a red and white striped candy cane would be an AB AB AB pattern.]



Encourage students to make their own patterns with blocks, toys or drawings.

Parent Tips:

Find some more ideas for exploring patterns [here](#).