

Patterns

Episode 202: Math is everywhere, Part Two Kindergarten

Georgia Performance Standards

- MKG3a Identify a missing shape within a given pattern of geometric shapes.
- MKG3b Extend a given pattern, and recognize similarities in different patterns

Objectives

- The students will identify a missing shape within a given pattern.
- The students will extend a given pattern.
- The students will recognize similarities in different patterns.

Materials

- TV/VCR or Computer/LCD Projector
- Video *Count On It!* 202
- Colored paper circles (pre-made for saving time)

Procedure

Opening

- Show *Count On It!* 202 clip “Playing/McDonald’s” (VHS 14:20 – 16:46).
- Discuss the patterns as shown and described in the segment.

Work time

- Make a pattern on the board similar to the one Blossom and Snappy had with the balls and have the students recreate it using their colored paper circles.
- In the form of a game, have pairs of students working together. Have one student turn around while the other student removes a piece from the pattern. The first student is to turn back around and figure out what the missing piece is. Then they switch roles and do it again. They can continue for several minutes.
- Now, you change the pattern on the board, and have them copy it with their pieces.
- In pairs, have them continue the pattern two or three times – you go around checking their patterns and assisting where needed.

Closing

- Have students create their own pattern and choose two or three pairs to share with the class.

Assessment

- Teacher observation/documentation on student rubric used by your school/county during work time and closing (sample rubric can be found on our website) of missing piece game and pattern continuation