

Lesson Plan by Cayla Davenport

Lesson: Pattern Pete

Length: 10 minutes

Grade Intended: Kindergarten

Academic Standard(s): K.3.2 Identify, copy, and make simple patterns with numbers and shapes.

Performance Objectives: Students will identify simple patterns with numbers and shapes.

Assessment: The students will fill out their *Pattern Pete Was Here!* Handout. The teacher will assess through orally asking questions about patterns such as: What makes a pattern? Where do you see a pattern? Why is it a pattern? How would you make a pattern? The students will give correct answers orally in class discussion.

Advanced Preparation by Teacher:

- 1) When the students are out of the classroom, create a pattern somewhere in the classroom.
- 2) Place Pattern Pete's picture on the blackboard to let the students know that he has visited the classroom.
- 3) Acquire the *Pattern Pete Was Here!* Handout from the Academic Standards Website.

Procedure:

Introduction/Motivation: Explain that Pattern Pete is a clown that loves patterns.

Step-by-Step Plan:

- 1) Explain what a pattern is.
- 2) Show examples of clothes that Pattern Pete enjoys wearing. Explain to students that Pattern Pete even arranges his food in a pattern before he eats.
- 3) Tell the students that while they were gone, Pattern Pete visited the classroom and left a pattern somewhere in the classroom.
- 4) Ask the students to find the "hidden" pattern.
- 5) Once a student has identified where the pattern is hidden, have that student describe the location of the pattern and describe the pattern itself.
 - a. Ask the assessment questions.

Closure: Distribute the *Pattern Pete Was Here!* Handout and have the class complete problems 1-5.

Adaptations/Enrichment: Hide two patterns: one simple, more obvious pattern and a more complex, less obvious one and have students try to find both.

Self- Reflection:

Did the students seem to enjoy themselves?

Should I add more to the lesson? Get rid of some?

Did the lesson focus too much on whole group, and not enough on independent work?

Was the lesson too simple for some students? Too challenging for others?

Resources:

http://dc.doe.state.in.us/Standards/AcademicStandards/files/math/math_k_3_pattern%20pete.pdf