

Unit 8 Lesson 1: Mystery Bags

1 Going Fishing (Warm up)

Student Task Statement

Andre and his dad have been fishing for 2 hours. In that time, they have caught 9 bluegills and 1 yellow perch.

The next time Andre gets a bite, what kind of fish do you think it will be? Explain your reasoning.

2 Playing the Block Game

Student Task Statement

Your teacher will give your group a bag of colored blocks.

1. Follow these instructions to play one round of the game:
 - a. Everyone in the group records the color written on the bag in the first column of the table.
 - b. Without looking in the bag, one person takes out one of the blocks and shows it to the group.
 - c. If they get a block that is the same color as the bag, they earn:
 - 1 point during round 1
 - 2 points during round 2
 - 3 points during round 3
 - d. Next, they put the block back into the bag, shake the bag to mix up the blocks, and pass the bag to the next person in the group.
 - e. Repeat these steps until everyone in your group has had 4 turns.

2. At the end of the round, record each person's score in the table.

	What color bag?	person 1's score	person 2's score	person 3's score	person 4's score
round 1					
round 2					
round 3					

3. Pause here so your teacher can give you a new bag of blocks for the next round.
4. Repeat the previous steps to play rounds 2 and 3 of the game.
5. After you finish playing all 3 rounds, calculate the total score for each person in your group.