

ARRAYS OF FOOD

Episode 220: Blossom and Snappy Go Camping
2nd Grade

Georgia Performance Standards

- M2N3a Understand multiplication as repeated addition
- M2N3b Use repeated addition, arrays, and counting by multiples to correctly multiply 1-digit numbers and construct the multiplication table

Objective

- The students will figure out how many packages of dehydrated food they would need for a camping trip by using arrays.

Materials

- TV/VCR or Computer/LCD projector
- Video *Count On It!* 220
- Blank arrays
- Counters (beads, chips, beans – anything that students can use on the blank arrays)
- Pencils and paper for documentation

Procedure

Opening

- View *Count On It!* 220 clip “Arrays of Food” (VHS 5:04 – 5:39).
- Ask your students, “How much food would you and your family need?”
- Pass out materials (blank arrays and counters).

Work time

- Students work individually to figure out how many packets of food would be needed for themselves and their family members. Students will have differing results, as the number of family members increases or decreases. Also, some students may think they only need two packets of dehydrated food a day, but maybe their parents need more.
- Also, allow your students to struggle through figuring out how to figure out themselves *and* their family members. When Blossom and Snappy figure out how much food Robbie will need, they are only figuring out food for one person on the array. Your students may choose to do an array for each family member, or they may choose to use one array for the whole family.
- Students are to use the arrays, but then also write down their results on paper in pictures, as well as verbally.

Closing

- Choose a few students to share their results. Choose students who came to their results differently to show that there was no one correct way to come to a conclusion.

- Students listening may ask thoughtful questions.

Assessment

- Documentation sheet may be taken up for a grade
- Teacher observation/documentation on student rubric used by your school/county during work time and closing (sample rubric can be found on our website)