



OBJECTIVES

Students will:

- Be able to piece a puzzle together using different shapes.
- Learn various agricultural vocabulary words.
- Use problem-solving skills to piece together shapes producing a puzzle.
- Use knowledge of geography to recognize the shape of Indiana.
- Apply mathematical skills, in addition and multiplication, to understand the concept of perimeter.
- Sequence a set of events into a correct order (Farm to Plate activity).
- Learn about the unique aspects of Indiana agriculture.
- Recognize that agriculture provides our most basic necessities: food, fiber, shelter, energy.
- Name the five food groups and know an item that belongs to each.
- Use cooperative learning skills to work together in groups and as a class.

MATERIALS

- INFB Indiana Ag Escape puzzle pieces
- INFB Indiana Ag Escape worksheets
- Writing Utensil
- Scissors
- Colored Pencils
- Glue
- Optional: Indiana Ag Escape "box" (to be provided by instructor)



DIRECTIONS

1. Split students into five groups.
2. Explain to students that today they are going to be working on solving problems to put together a puzzle. Do not tell them what the puzzle shape is supposed to be in the end.
3. Randomly distribute the worksheets among the groups (each group gets two worksheets).
4. Give the students several minutes to solve the first worksheet and encourage them to work together.
5. Once the students have successfully answered each problem, give them the puzzle pieces that match the worksheets they solved.
6. Once they are finished with the puzzle of Indiana, read through some of the facts from each commodity.

Note: The Indiana Ag Escape program can operate however the instructor sees fit. This is just one example of directions that the instructor can follow for the activity.

An escape box can be similar to an escape room. This is where you have to solve a problem to be able to escape. A box can be used as an option to create a full escape experience. A possible option can be a toolbox with a lock. Located on the back of the map, there are empty boxes for you to use if you want students to solve a combination. It is always best to have something in the box. Some ideas are Indiana Farm Bureau items, coupons for ice cream, pencils, and other fun, age-appropriate items.