

PBJ Algorithm Recording Sheet

Name: _____

Date: _____

Step 1: Write Your Algorithm

Write detailed, step-by-step instructions for making a peanut butter and jelly sandwich. Assume the person following your instructions will do *exactly* what you say—no guessing or interpreting.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

(Continue as needed...)

Step 2: Test and Observe

Use your algorithm in the classroom activity. Watch how it's followed and take notes:

What went wrong or surprised you?

What did your tester do that you didn't expect?

Step 3: Revise Your Algorithm

Make changes based on what you learned.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Reflection

Why do you think computers need such specific instructions?