ANSWER KEY

Answer Key: Day 1

Every page for this day is keyed, and nothing is left as "answers will vary." This file covers the bell ringer, the guided notes and the exit ticket. In this folder, the key for the Predict the Output sheet is in Activity_and_Lab_Keys.pdf.

Bell Ringer: Fruit cup steps

Look for

- Question 1: B, C, A.
- Question 2: any fair problem, like trying to put pieces in the cup before the fruit is washed or cut.

Model response

B, C, A. If I did step A first, I would have no pieces to put in the cup, because the fruit isn't washed or cut yet.

Guided Notes: Day 1

Blanks are shown filled in, in order.

Programs and code

A **program** is a list of steps that tells a computer what to do.

The steps are written as **code**. It uses words and symbols that a computer can follow.

Python is the language we use to write code. Each step goes on its own **line of code**.

To **run** a program means to have the computer follow its steps.

Showing text

```
1  print("Hello, Python!")
```

Output

```
Hello, Python!
```

print() is a command that shows text on the screen.

The text goes inside the **parentheses**, the (and) marks after print.

A **string** is text inside **quote marks**, like `"Hello"`. The marks show where the text starts and stops.

When Python prints a string, it shows the text inside the quotes exactly as it's typed. The quote marks don't print.

What a program shows on the screen is its **output**.

Top to bottom

```
1  print("Wash the fruit.")
2  print("Cut the fruit.")
3  print("Put it in a cup.")
```

Output

```
Wash the fruit.
Cut the fruit.
Put it in a cup.
```

Python runs a program's lines in order, from **top to bottom**.

Each `print()` shows its text on a new line of output. Three `print()` lines make three lines of output.

Exit Ticket

The exit ticket is worth 3 points: 1 for each item.

1. Correct: (C) 3 lines

```
print("Go")
print("team,")
print("go!")
```

Each `print()` starts a new line of output. The program has three `print()` lines, so it prints three lines.

2. Correct: (A)

```
print("Team photos are today.")
```

Output

```
Team photos are today.
```

`print()` shows only the text inside the quotes. The quote marks and the word print don't show.

Item 3: written answer

Look for

- One `print()` line with Go Panthers! inside a matching pair of quotes, with the capital letters and the exclamation point.

Model response

```
print("Go Panthers!")
```