



 **Print & Cut**

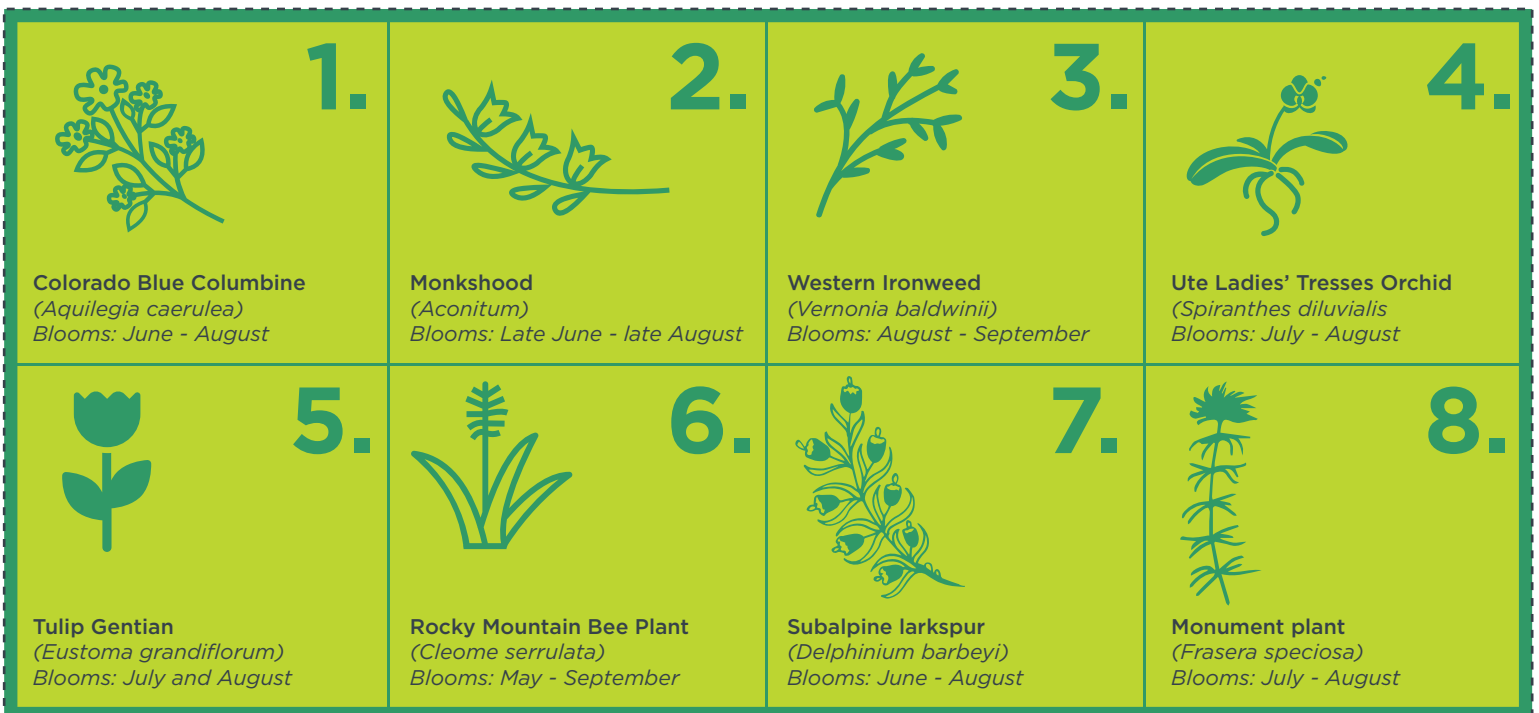
Obstacles: Cut on dotted line. 6 obstacle pieces



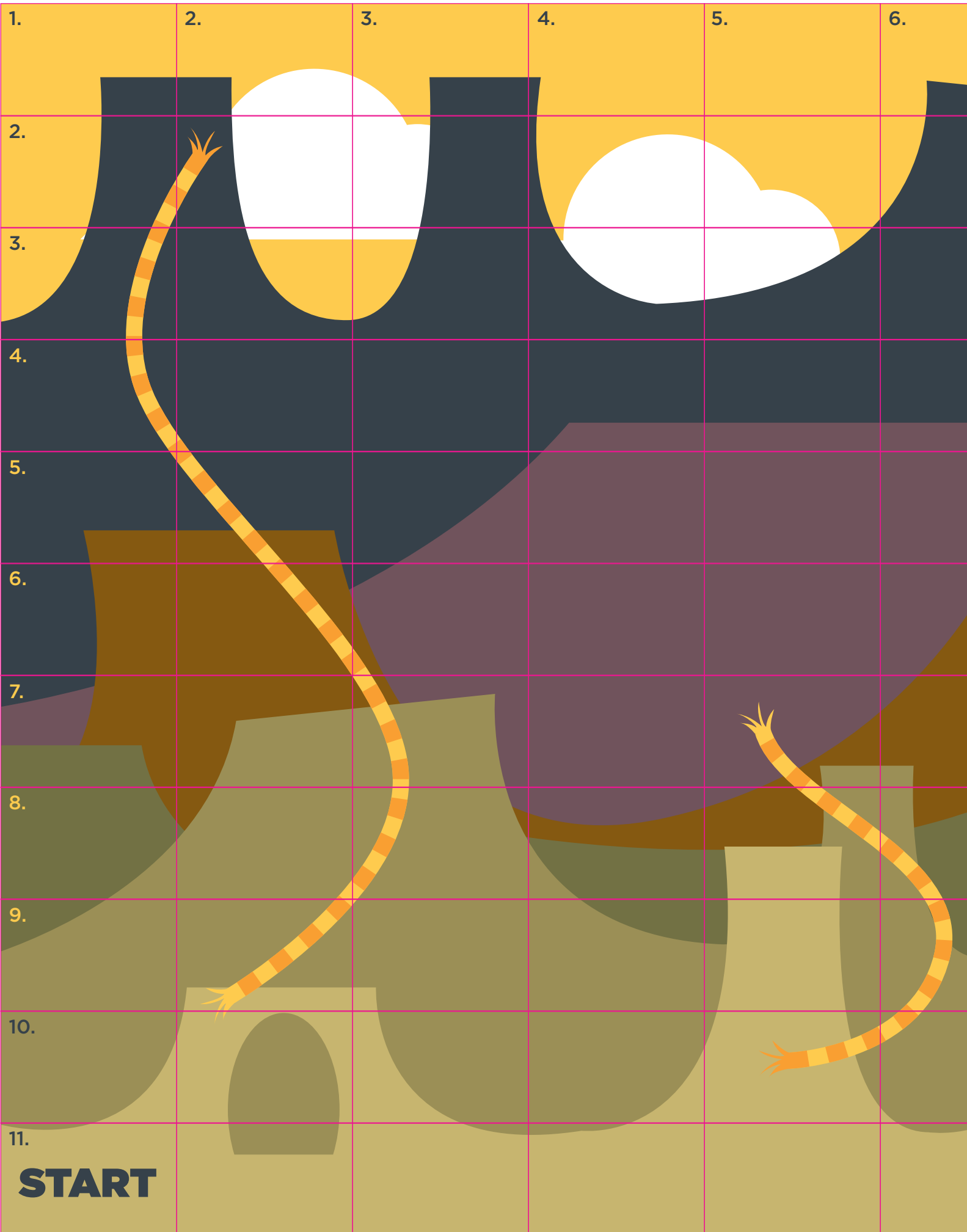
Flower Tokens: Cut on dotted line. 8 flower tokens



Player Pieces



Flower Key



1.

2.

3.

4.

5.

6.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

START

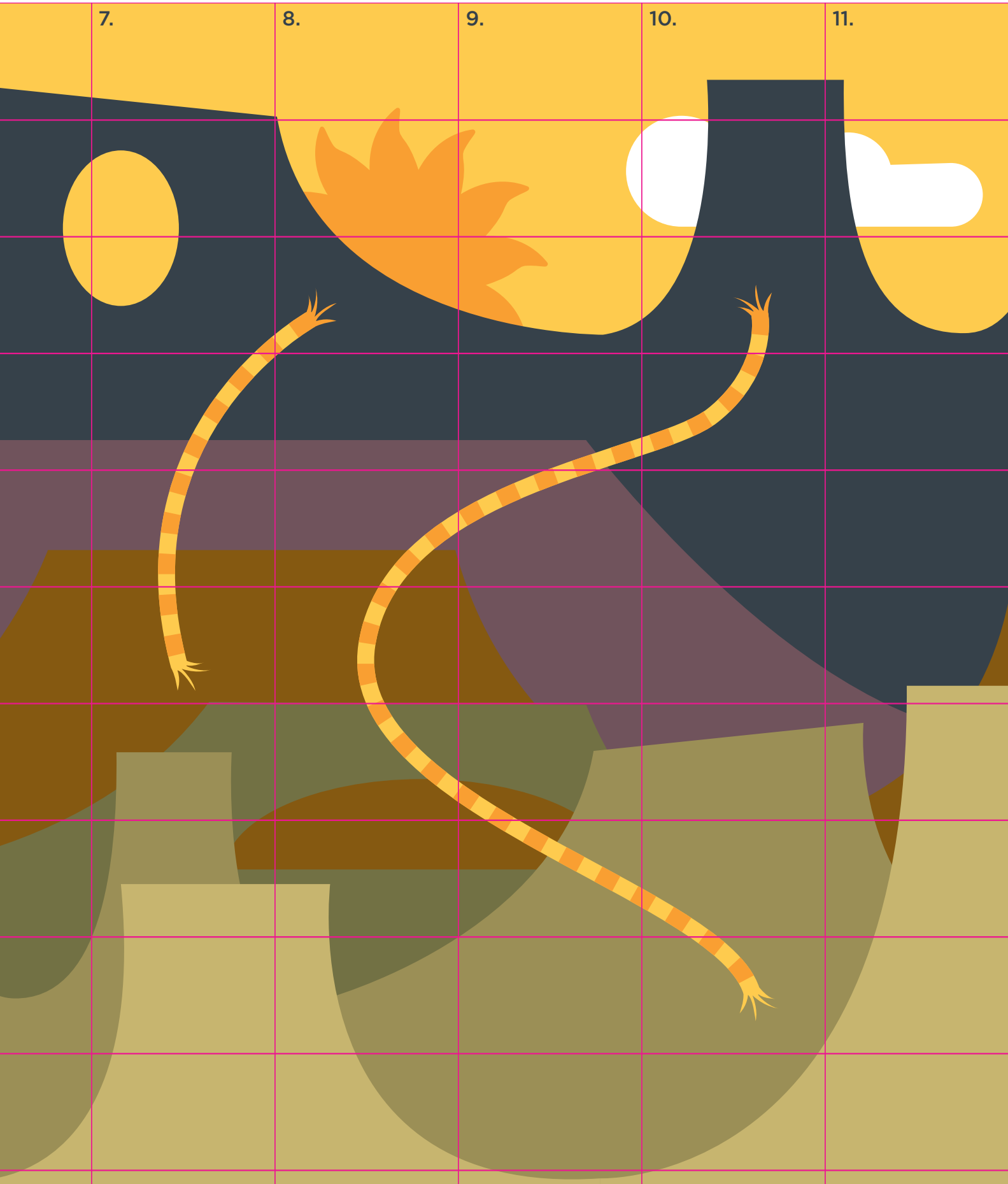
7.

8.

9.

10.

11.



BEGINNER

What is another name for a monitor?

- A. Computer Screen
- B. Printer
- C. Mouse
- D. Keyboard

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BEGINNER

Which of the choices is an input device?

- A. Printer
- B. Fax Machine
- C. Monitor
- D. Microphone

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BEGINNER

Which part of the computer is responsible for storing information?

- A. Monitor
- B. Keyboard
- C. Disk Drive
- D. Mouse

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BEGINNER

What language do computers use to process data?

- A. Python
- B. Binary
- C. HTML
- D. Byte

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BEGINNER

What describes all input and output devices in a computer system?

- A. Monitor
- B. Software
- C. Hardware

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BEGINNER

What do you call the results you get from a computer?

- A. Output
- B. Input
- C. Storage
- D. Space

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BEGINNER

In computer coding, what does a loop refer to?

- A. The creation of an emoji
- B. When you write instructions for your computer that repeat
- C. When you make a mistake and have to go back and edit it

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BEGINNER

Do uploads make a computer receive or send data?

- A. Receive
- B. Send

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BEGINNER

Explain why decomposition is important to computer science:

Answer: Decomposition is important because it helps you break down problems into smaller more manageable steps, and computers need these small steps to do a task correctly.

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BEGINNER

What is automation?

- A. Making an image move
- B. Having computers create things on their own
- C. Having computers or machines do repetitive tasks
- D. None of the above

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BEGINNER

What is optimal efficiency and how is it used in everyday life?

Answer: Optimal efficiency is achieving maximum productivity with minimum waste. Ex: It can be used in collecting grain, like in the 4-H NYSD Hack Your Harvest. It is also needed to win this game!

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BEGINNER

True or False:

A computer program is a set of instructions that tells a computer how to perform a specific task.

Answer: True

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BEGINNER

What is a conditional?

Answer: A type of statement that tells you what to do based on the answer to a question, usually shown in programming languages with words like “if,” “then” and “else.”

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BEGINNER

True or False:
Computer software is collection of instructions that tell a computer how to perform a group of tasks.

Answer: True

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BEGINNER

What is sequencing?

Answer: Putting things in order. When writing code, it's important to carefully decide the order in which the code will run. Ex: In the 2019 4-H NYSD activity, kids used the popular online program, Scratch, to create a conversation between two characters specifying which character speaks first and which character responds. This is sequencing in action.

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BEGINNER

True or False:
Computers don't vary in storage and speed.

Answer: False.
They can vary in both.

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BEGINNER

True or False:
Computers can catch viruses, which can be harmful to the way a computer functions.

Answer: True

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BEGINNER

True or False:
A computer will never run out of data.

Answer: False

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BEGINNER

What does an IP address represent?

- A. Location
- B. Speed
- C. Storage

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INTERMEDIATE

How many bits does a byte have?

- A. 1 bits
- B. 3 bits
- C. 4 bits
- D. 8 bits**

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INTERMEDIATE

What does 0 stand for in boolean data?

- A. True
- B. False (correct answer)**
- C. infinity
- D. none of the above

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INTERMEDIATE

What isn't measured in bits?

- A. Download
- B. Upload
- C. Bytes
- D. Storage**

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INTERMEDIATE

How many gigabytes are in 1 megabyte?

- A. .1
- B. .01
- C. .001**
- D. .0001

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INTERMEDIATE

How many gigabytes is in 1 terabyte?

- A. 10
- B. 100
- C. 1,000**
- D. 10,000

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INTERMEDIATE

What is the smallest unit of data in a computer?

- A. Bit**
- B. Byte
- C. Kilobyte
- D. Megabyte

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INTERMEDIATE

What is broadband typically defined by?

- A. Space
- B. Speed**
- C. Storage
- D. Length

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INTERMEDIATE

What is an Internet Service Provider responsible for?

- A. Fixing computer
- B. Providing news
- C. Providing direct access to the internet**

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INTERMEDIATE

What is an example of a computer language?

- A. Python
- B. Java
- C. HTML
- D. All of the above

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INTERMEDIATE

What does IP stand for?

- A. Invented Protocol
- B. Internet Precision
- C. Internet Protocol
- D. Internet Pals

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INTERMEDIATE

Hardware includes:

- A. Input Devices
- B. Output Devices
- C. Memory
- D. All of the above

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INTERMEDIATE

A computer saves information using RAM, what does it stand for?

Answer: Random Access Memory

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INTERMEDIATE

True or False:
Speed is measured in bits.

Answer: True

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INTERMEDIATE

True or False:
Speed is measured in bytes.

Answer: True

BROUGHT TO YOU BY:

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INTERMEDIATE

True or False:
There are 8 bits in one byte.

Answer: True

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INTERMEDIATE

True or False:
Computer speeds tend to get slower as the computer gets older.

Answer: False.

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