UNITED ARAB EMIRATES
MINISTRY OF EDUCATION

مؤسسة الإمارات للتعليم المدرسي
EMIRATES SCHOOLS ESTABLISHMENT

Week 2 : AI process - Data Collection (images)

1. An image can be represented as a grid of values. Each value encodes the color at that position in the image.

A. Binary
B. Bit
C. Pixel Image
D. RGB Encoding

2. Base 2 Number System. It is a number system that only uses 2 digits (0 and 1).

A. Binary
B. Data
C. Abstraction
D. Number System

3. Binary only has two states, 1 or 0.

A. True
B. FALSE

4. Why do computers use binary

A. It is easy to convert binary into hex.
B. It is easy to count from 0 to 1.
C. Because that is the way it has always been done.
D. Computers use electronic switches and circuits to store data, it is quick to read the voltage in a circuit as on or off.

5. What is a pixel?

A. Small squares which combined with many other make up an image
B. A phone made by Apple
C. A small breed of dog

LIVEWORKSHEETS