



Student Name:

Date:

Activity 1.1: Color the Secret Star

Color the boxes listed in the code key **yellow** (●) to find the shape!

	A	B	C	D	E
1					
2					
3					
4					
5					

● Yellow Code Key:

C1, B2, C2, D2, A3, B3, C3, D3, E3, B4, C4, D4, C5

Activity 1.2: Pixel Heart Art

Color the boxes listed in the code key **red** (●) to draw a heart.

	A	B	C	D	E
1					
2					
3					
4					
5					

● Red Code Key:

B1, D1, A2, B2, C2, D2, E2, B3, C3, D3, C4

Activity 1.3: Drawing Coordinates

Follow the instructions to draw objects inside the coordinates.

• Draw Circle in **C3**

• Draw Square in **A1**

• Draw Triangle in **E5**



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Activity 2.1: Binary Smiley Face

Color the boxes that have a 1 black. Leave boxes with 0 white. Find the face!

0	1	0	1	0
0	0	0	0	0
1	0	0	0	1
0	1	1	1	0

Binary Code Rule:

- 0 = White box (off)
- 1 = Black box (on)

Activity 2.2: Binary Letter H

Color the boxes that have a 1 black. Find the hidden letter!

1	0	0	0	1
1	0	0	0	1
1	1	1	1	1
1	0	0	0	1

Output Letter:

This draws the letter: []

Activity 2.3: Decode the Pixel Row

Look at the colored grid row. Write the binary numbers (0 or 1) below it.



Binary Code: [] [] [] []