



# DIGITAL LITTERACY

## Exploring Decomposition Hidden Image

### Instructions:

Complete and assemble the drawing by filling in the colours in the square using the codes provided, and by putting the rectangles in the appropriate order to reveal the hidden image.

What steps will you take to uncover the image?

### Colour Key:

| RBG code                   | Code in model | RBG code                 | Code in model | RBG code                   | Code in model |
|----------------------------|---------------|--------------------------|---------------|----------------------------|---------------|
| R: 255<br>B: 255<br>G: 255 | 1             | R: 51<br>B: 255<br>G: 51 | 4             | R: 0<br>B: 128<br>G: 255   | 7             |
| R: 236<br>B: 31<br>G: 31   | 2             | R: 255<br>B: 128<br>G: 0 | 5             | R: 128<br>B: 0<br>G: 128   | 8             |
| R: 250<br>B: 255<br>G: 102 | 3             | R: 0<br>B: 0<br>G: 0     | 6             | R: 192<br>B: 192<br>G: 192 | 9             |



# DIGITAL LITERACY

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 8 | 8 | 8 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 2 | 2 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 6 | 8 | 8 | 8 | 6 | 7 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Model A,  
part 1 of 4

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 1 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 6 | 7 | 7 | 7 | 7 | 7 | 9 | 1 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 6 | 2 | 6 | 2 | 2 | 6 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 9 | 1 | 9 | 7 | 7 |
| 2 | 2 | 2 | 2 | 6 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 7 |
| 2 | 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 9 | 1 | 9 | 7 |
| 2 | 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 2 | 2 | 6 | 1 | 1 | 1 | 4 | 4 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| 2 | 2 | 6 | 1 | 1 | 1 | 4 | 4 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |

Model A,  
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# DIGITAL LITERACY

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 3 | 3 | 3 | 6 | 6 | 7 | 7 | 7 |
| 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 3 | 6 | 6 | 3 | 6 | 7 | 7 | 7 |
| 2 | 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 6 | 3 | 3 | 3 | 6 | 6 | 7 | 7 | 7 |
| 2 | 2 | 2 | 6 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| 2 | 2 | 2 | 2 | 6 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 2 | 2 | 2 | 2 | 2 | 6 | 1 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 2 | 2 | 2 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

Model A,  
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|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 7 | 6 | 8 | 8 | 8 | 8 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 7 | 6 | 8 | 8 | 8 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 7 | 7 | 6 | 8 | 8 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 6 | 6 | 8 | 8 | 8 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 6 | 8 | 8 | 8 | 8 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 6 | 8 | 8 | 8 | 6 | 7 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 2 | 2 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

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# DIGITAL LITTERACY

Model B,  
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|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 4 | 4 | 4 |
| 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 6 | 4 | 6 | 4 | 4 | 4 |
| 4 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 6 | 6 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 6 | 6 | 6 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 9 | 8 | 9 | 1 | 9 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 9 | 8 | 9 | 9 | 9 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 |

Model B,  
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|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 4 | 4 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 4 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 9 | 8 | 4 | 4 | 4 | 4 |
| 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 9 | 8 | 9 | 8 | 4 | 4 | 4 |
| 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 9 | 8 | 9 | 4 | 4 | 4 |
| 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 8 | 9 | 8 | 4 | 4 | 4 |