

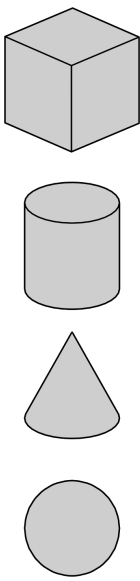
STEP 1: Free association

(5 minutes) Choose ONE image on the left column below. Write what comes to mind for that image.



Chosen object:

Words or very short sentences:

| STEP 2: Primitives | |
|---|--|
| <p>(10 minutes)</p> <p>A primitive is a base form from which more complex objects and contexts are created. Create an answer for each primitive type listed.</p> <p>Example:</p> <ol style="list-style-type: none">1. A cube is a primitive for a <i>box</i>.2. A box is made of cardboard, wood, or metal (only 1 answer needed).3. A box contains things. Therefore a box is a 'container.'  | <p>Example <i>Primitive: Cube</i> <i>Complex object: box</i> <i>Material: cardboard</i> <i>Purpose: container</i></p> <p>Cube <u><i>Complex object:</i></u> <u><i>Material:</i></u> <u><i>Purpose:</i></u></p> <p>Cylinder <u><i>Complex object:</i></u> <u><i>Material:</i></u> <u><i>Purpose:</i></u></p> <p>Cone <u><i>Complex object:</i></u> <u><i>Material:</i></u> <u><i>Purpose:</i></u></p> <p>Sphere <u><i>Complex object:</i></u> <u><i>Material:</i></u> <u><i>Purpose:</i></u></p> |

STEP 3: Creating word strings

(5 minutes)

Circle the answer from step 1 you find most interesting, and convert it into an adjective if it is not already.

If you wrote a short sentence, concentrate it down into one word. For example, if you included a story from your childhood, you could write *historic* or *nostalgic*.

Then combine the **material** and **purpose** answers from Step 2 in the form to the right. Note, the word anti has been added to the purpose. In the next step, you will explore the prupose's opposite.

Example string

Step 1 adjective + Step 2 material + step 2 anti-purpose
(nostalgic + cardboard + anti-container)

1. _____ + _____ + **anti-**_____

2. _____ + _____ + **anti-**_____

3. _____ + _____ + **anti-**_____

4. _____ + _____ + **anti-**_____

STEP 4: 'What if?' statements

(15 minutes) Choose three of your strings from Step 3. Describe what if statements about possible situations or stories to account for your word string.

Example form: "Nostalgic cardboard anti-container"

What if: A picture frame typically holds photos of family and nostalgic events. Instead, what if a machine creates cardboard versions of nostalgic people or events?

String 1:

What if 1:

String 2:

What if 2:

String 3:

What if 3:

STEP 5: Refine your idea

(15 minutes) Choose the most interesting 'what if?' statement from Step 4. Sketch and describe ways of solving for the what if statement.