

Tink!SV Makerspace Mission

"Family Sculpture Material Hunt"

Name: _____ Class: _____ Date: _____

Mission: Find recycled materials to represent your family in your sculpture!

Step 1: Explore & Discover

Look around the Tink!SV Materials Zone. Sketch or list **5 different materials** you see:

Material: (Eg: Yakult bottle)	Shape/Size: (Eg: round, small)	Colour/Texture: (Eg: white, smooth)
1.		
2.		
3.		
4.		
5.		

Step 2: Make Family Connections

Identify the **material** that could **represent each** family member.

Ask : What does this material's shape/size/colour remind me about this family member?

Family Member:	Material:	Reason for choosing this material:
<i>Eg: Little sister</i>	<i>Eg: Yakult bottle</i>	<i>Eg: She is small and round and likes to drink Yakult</i>
1)		
2)		
3)		
4)		
5)		

Step 3: Collect Materials and Harmony Check

Choose your **TOP 3 materials** and arrange them to show your family relationships.

Note : You may change your materials if needed.

<p>Harmony in Colour Do the materials have similar colours? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Harmony in Value Are the materials colour appearing in similar lightness or darkness? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Harmony in Shape Do the materials have similar shapes? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Can it be arranged to show my family well? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

Step 4 : Construction method(s) I plan to use :

- 1) _____
- 2) _____

Step 5 : Identify Construction Challenge

Write down **1 construction challenge** you foresee and how you plan to solve it.

(Eg: difficult to join 2 bottles, plan to use double sided tape)
