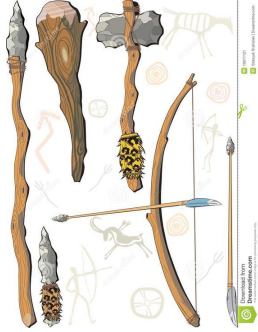


6th Grade Social Studies makerPBL - “Human Innovation: Moving from the Paper Age to the Cardboard Age and beyond”

Name _____ Block _____

Partners Name(s) _____

Paper Age:	
<p>1. Use this image and your research from class to create a Stone Age-like tool using only the products on your table.</p> <p>Tools of the “Paper Age” include: Paper, Glue sticks, Twine, Straws</p> 	<p>List/Draw 3 ideas BEFORE you begin building</p>
<p>2. Explain how your Paper Age Tool is similar to the tools of the Stone Age.</p>	
<p>3. Document your tool (sketches or pictures).</p>	

Cardboard Age:

4. Make a list of how you can innovate your tools using additional materials and processes to make your tools - stronger, more flexible, etc.

Prototype your "Cardboard Age" Tool.

- a. Tools of the Cardboard Age include Paper Age Tools plus:
Cardboard
Scissors / Snips
Cardboard Cutters
Craft sticks / skewers
Tape

List/Draw 3 ideas BEFORE you begin building.

5. Explain how your Cardboard Age Tool is similar to the tools of the Bronze Age.

6. Document your tool (sketches or pictures).

Digital Fabrication Age:

7. Make a list of how you can innovate your tools using additional materials and processes in the Digital Fabrication Age. Stronger, more flexible, lighter, etc.

8. Prototype your Digital Fabrication Age Tool

Tools of the Digital Fabrication Age include Stone & Cardboard Age tools plus:
(Tools available will depend on Level 2 Certification and demonstration of proficiency using these available tools)
3D Printers & filament, Laser Cutters & 1/8 inch plywood / hardwood, Plywood pieces, wood scraps, Gorilla glue, Scroll Saw

List/Draw 3 ideas BEFORE you begin building

9. Document your tool (sketches or pictures).

10. MAKE CONNECTIONS: Explain how your various tools innovations are an example of how human innovation can change civilization.