

Types of Tools in Ashkelon

Standards Covered

Common Core:

RI.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

RI.4.7 Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.

W.4.7 Conduct short research projects that build knowledge through investigation of different aspects of a topic.

W.4.8 Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

W.4.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.

Guiding Question

What types of tools do we find in Ashkelon, and how are those tools made?

Procedure

Junior Archaeologist Assignment

Video – Chris explains how stone tools are made

Video – Paula shows the different types of bone tools we have found in Ashkelon

Interactive Homework

Word Wall

Primary Tool – The actual tool being used

Secondary Tool – The tool that was used to make the tool

Junior Archaeologist Assignment

For this lesson, you will be comparing how different tools we have found in Ashkelon were made. You will be looking at the tool that we found (the primary tool), and try to brainstorm which secondary tools were used to make it.

To begin, watch Chris create a stone arrowhead. In your logbook, draw the primary tool, and the secondary tools he used to make it.

Next, watch Paula's video on bone tools. She does not show you the secondary tools, so it will be up to you to brainstorm what could have created these tools and the intricate designs that are on them. You will also draw what these tools were used to visualize these tools in action!

After you have watched both of these videos, take a bone that is used in your house from the food that you eat and wash it off thoroughly, then let it fully dry out. Draw a design on the bone with a pencil, and then take a sharper tool (such as push pin or small

nail and **VERY CAREFULLY**) trace the design you created. Take a washable marker and go over the design, then quickly wipe the excess marker off so that the ink only stays in the imprint and not on the rest of the bone.

Interactive Homework

Look for different tools that you use in your house (remember, it doesn't just have to be tools used to fix things, it can also be objects like utensils. What are these tools made of? Many are probably not made of stone or bone-why do you think this is? What do you think the secondary tools are that were used to make this tool?

You can also decide if the tool you found is **simple or complex**. Simple tools have only one part, while complex tools have more than one part. Are more of the tools that we found in Ashkelon simple or complex? What about the tools at your house? Why do you think that is?