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| **Subject:** | Science |
| **Title:** | Tree to Stick |
| **Grade Level:** | 6 |
| **Purpose:** | * Students recognize the different characteristics of trees in their local environment, and why wood is a good material for making hockey sticks. |
| **Curricular**  **Connections:** | * Identify general characteristics that distinguish trees from other plants. * Identify characteristics of at least four trees found in the local environment. |
| **Materials:** | * **“Tree to Stick”** Handout. * Informative books on various Trees * Technology: Ipads, Chrome Books, Computer Lab, etc. |
| **Activity:** | 1. As a class, discuss how students can create their own hockey stick using trees found in their local area. 2. Students research trees found in their area and write down their characteristics. For example: Birch is a strong, heavy wood with a smooth, fine grain. 3. Handout **“Tree to Stick”** activity sheet. 4. Students sketch the local tree of their choice, write down its characteristics, and explain why that tree would be a good choice to make a hockey stick. 5. Using technology students research a tree found in their local area and use that information to complete the **“Tree to Stick”** handout. |
| **Extension:** | * Students create a stick using two different trees. For example, use one type of tree for the shaft of the stick and use another type for the blade. |
| **Assessment:** | * Participation during discussion. * Ability to identify characteristics of trees. * Accurate completion of **“Tree to Stick”** activity sheet. |

Tree to Stick Name: \_\_\_\_\_\_\_\_\_\_\_\_\_

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| Sketch of Tree  Characteristics: | Sketch of Hockey Stick |

What characteristics of your tree make it a good material for a hockey stick?

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