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| Lesson Plan: Carving Background and Introduction | | Date: January 2017 |
| Course: Wood 9-10 | | Estimated time: 70 minutes |
| Lesson Objectives:   * Big Idea - Social, ethical, and sustainability considerations impact design. * Curricular competencies   + Identify and use appropriate tools, technologies, materials, and processes for production   + Evaluate how the land, natural resources, and culture influence the development and use of tools and technologies   + Collaborate to plan, carry out, and review constructions and activities   + Use Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions   + SWBAT Explain/recount and reflect on experiences and accomplishments | | |
| Introduction |  | |
| * Show students examples of Haida carving | | |
| Lesson Details |  | |
| 10 min  5 min  5 min  20 min  20 min  20 min   * **Present a brief overview of Haida carving** * **Show samples of the types of wood we will be using in class** (yellow cedar & jeluton) * **Demonstrate how to identify wood grain direction and explain importance** (comprehension) * **Safety**   + Wear gloves and safety glasses   + Demonstrate how to use tape to protect thumb * **Demonstrate how to safely handle carving tools**   + Carving knife   + Gouges   + Chisels * **Hand out tools and wood and complete simple exercises** * **Students work on sketches of their carving designs** (application) * **In groups of 4, students share their designs and explain how they will complete the carvings** (evaluation)   **Materials:**   * Material – 1 piece of wood (jelutong) for each student, roughly 4” x 6” x ¾” * Equipment – carving tools, carbon paper, graph paper * Teaching aids   + Yellow cedar for identifying grain   + Examples of relief carving projects   + Printed templates   **Adaptations for ELLs**   * Illustrated vocabulary sheet with the following terms: (refer to carving tool descriptions hand out)   + Mallet   + Gouge   + Chisel   + Carving knife | | |
| Questions |  | |
| * Which of the woods that we will be using were used by Haida carvers? * What safety equipment should be used? | | |
| Closure |  | |
| * Explain how they will be carving a design on the lid of the jewelry box, which is the project they will be starting next class. * Instruct students to think about designs for their project and come to the next class with more than one idea | | |
| Reflection |  | |
| * What went well? What might you change? | | |