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| **Subject:** | Science |
| **Title:** | Building Hockey Equipment |
| **Grade Level:** | 3 |
| **Purpose:** | * Students use their knowledge of building materials to design and build hockey equipment.
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| **Curricular****Connections:** | * Select appropriate materials for use in construction tasks, and explain the choice of materials. Students should demonstrate familiarity with a variety of materials, such as papers, woods, plastics, clay and metals.
* Apply skills of listening, speaking and cooperative decision making in working with other students on a construction project.
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| **Materials:** | * Poster or individual pictures of hockey equipment, or actual hockey equipment if available.
* Various building materials: paper, plastic, cardboard, clay, cloth, string, etc.
* **“Equipment Design”** handout
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| **Activity:** | 1. Use a poster, picture(s), or actual equipment and discuss different hockey equipment (helmet, gloves, shin pads, visor, skates etc.) with the class. Discuss what each piece protects.
2. After discussion, in partners, students choose a piece of equipment they want to construct.
3. On **“Equipment Design”** handout they sketch a piece of equipment and create a material list.
4. Students work cooperatively to build their piece of equipment using various materials.
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| **Extension:** | * Create a second piece of equipment.
* Share building projects with the class.
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| **Assessment:** | * Participation during class discussion and while working with their partner.
* Hand in **“Equipment Design”** and completed project.
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Equipment Design Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| *Sketch* |

Material List:

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