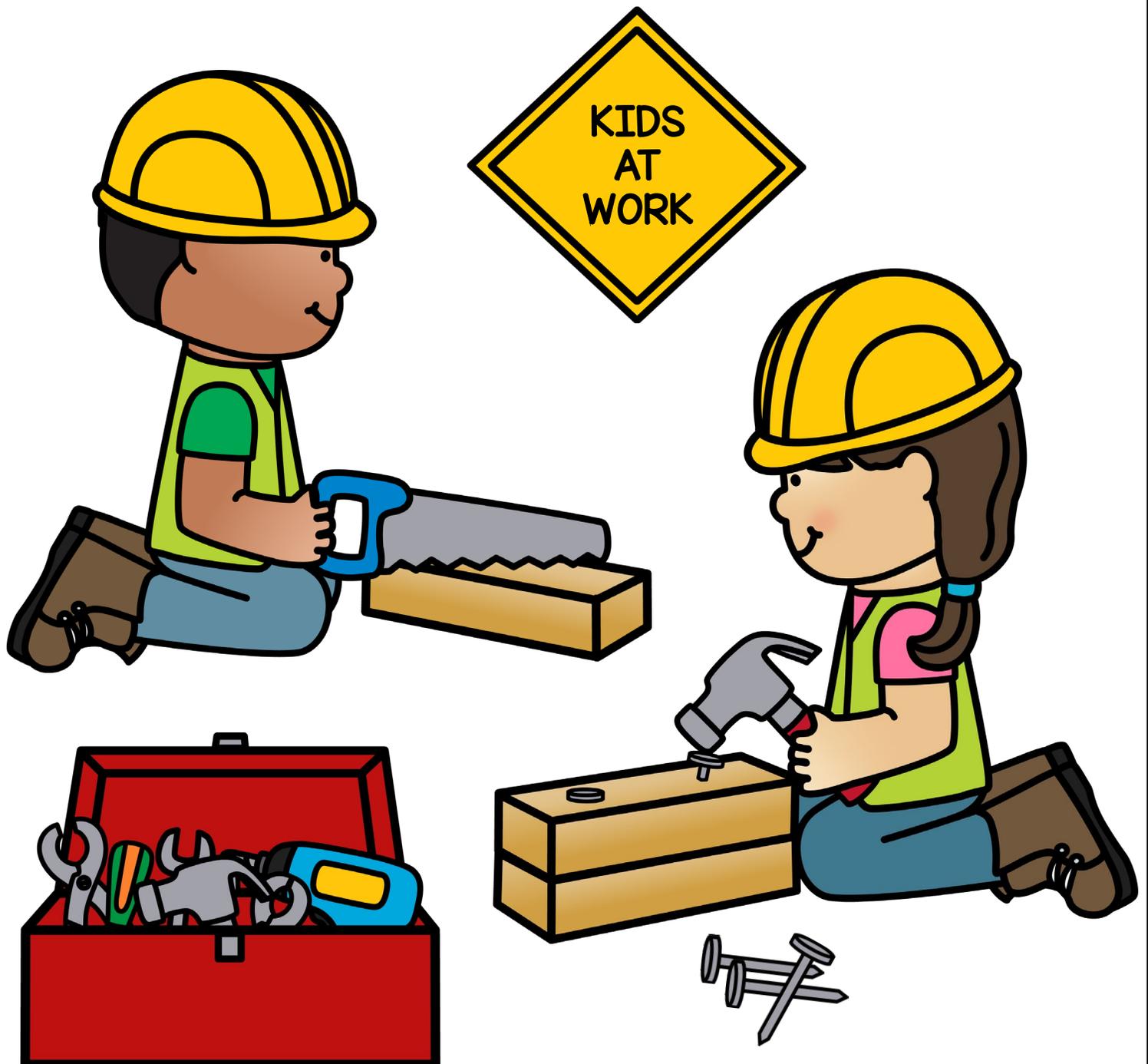


IF I HAD A HAMMER.

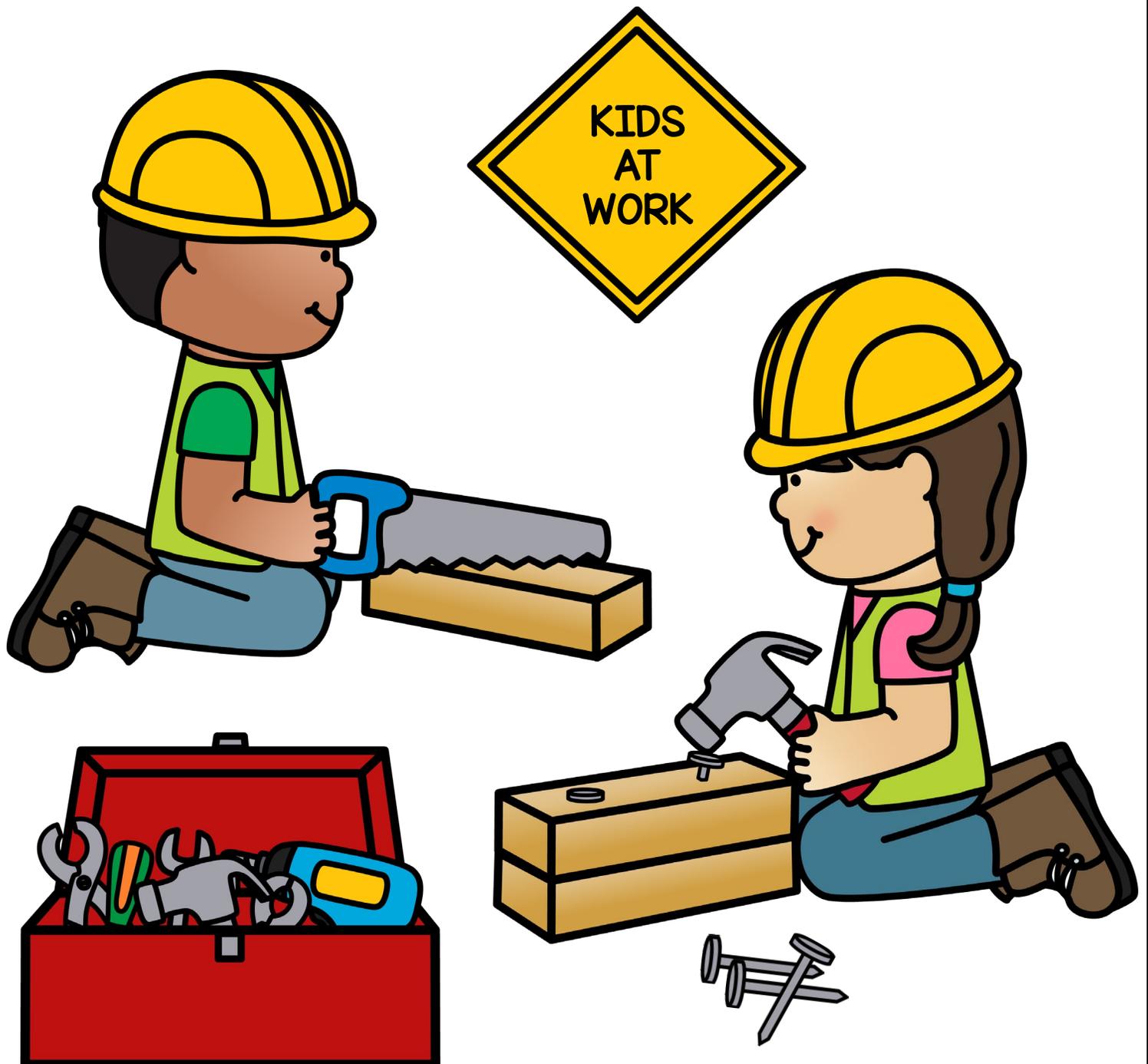


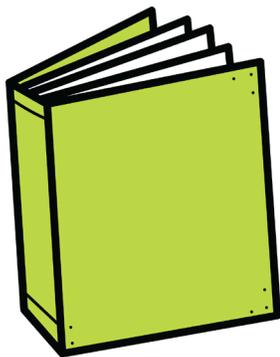
IF I HAD A
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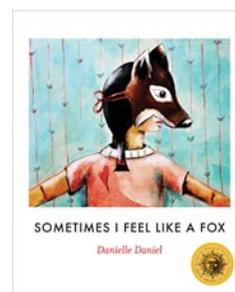
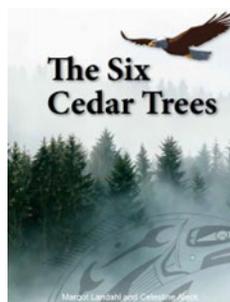
Picture Book Connections

Each project has at least one Picture book that it connects too.

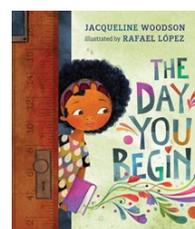
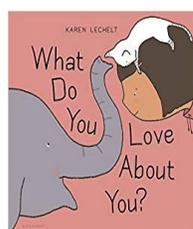
Popsicle Stick Catapults



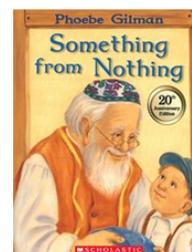
Wood Cookie Medallions

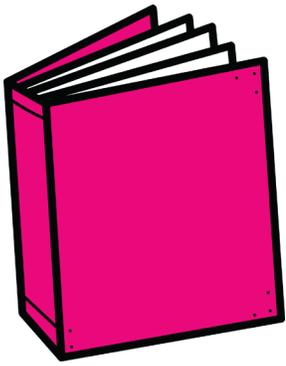


2" x 4" Name Plate



String Art





Picture Book Connections

Each project has at least one Picture book that it connects too.

Geoboards



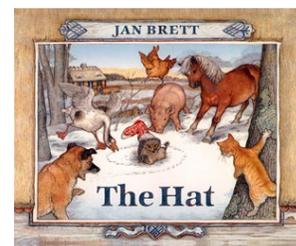
Garden Box Build
Mason Bee Houses

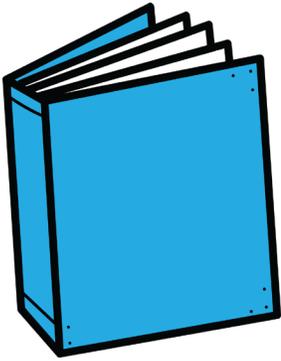


Device Holder



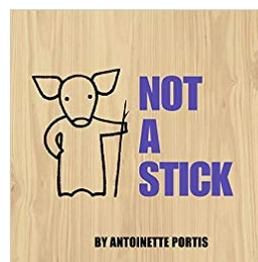
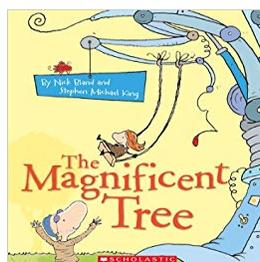
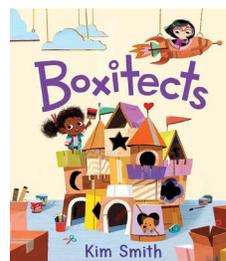
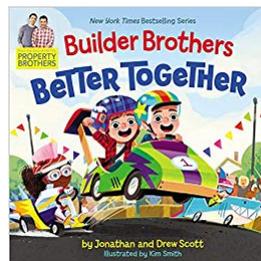
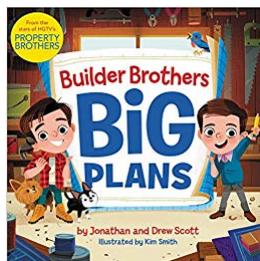
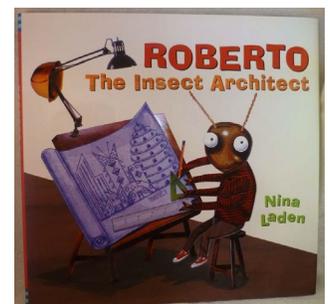
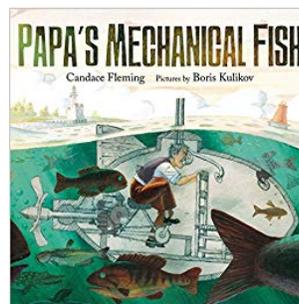
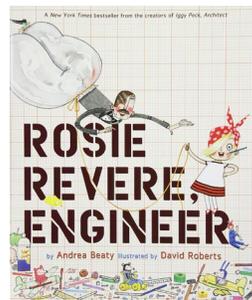
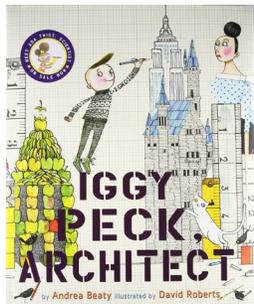
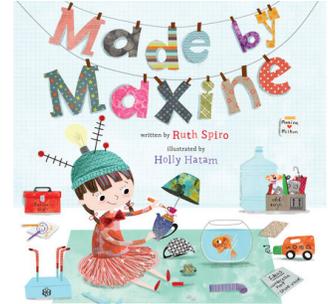
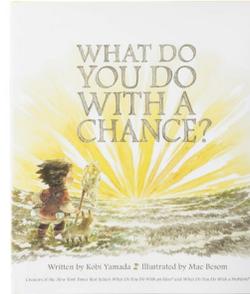
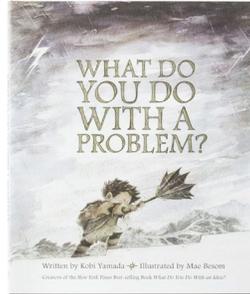
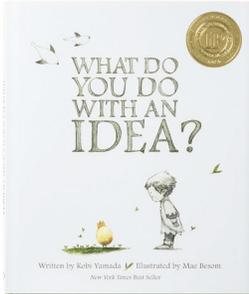
2" x 4" Hedgehog





Picture Book Connections

Additional Picture books that could act as general project provocations.



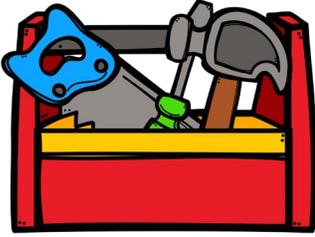


Where to get your supplies:

All supplies and materials are available through local shops.

- 2" X 4"
 - 1" x 6"
 - 1" x 4"
 - 1" x 1/2"
 - 4" x 4" posts
- All wood materials are available through local suppliers; Home Depot, Pioneer, Rona or Wilway lumber. Some will cut to required lengths for a nominal fee.
 - Wood Cookie Rounds - thin ones are available through Amazon. Large thickness and width are gathered from landscapers. It is worth reaching out to tree cutting companies for them to put aside a few lengths for you, that can be cut into the size and shape needed. There are also local suppliers on Facebook Marketplace.





Where to get your supplies:
All supplies and materials are available through local shops.

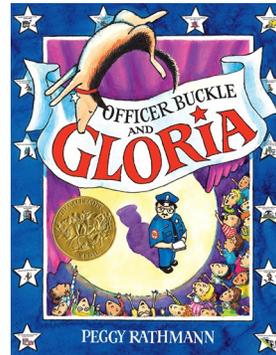
- 1 1/4" Finishing Nails
- #8 - 1 1/4" Wood screws
- 1 1/2" Nails
- Sanding Blocks
- Replacement Safety Glasses are available through Amazon.ca
- Replacement Hammers are available through Home Depot - 8oz Stubby Claw Hammer





General Shop Safety

Safety is the single most important thing to consider when completing hands on woodworking projects.

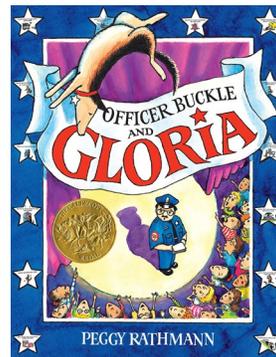


TOPIC	INFORMATION to go over with students
Accidents	Immediately report all accidents or injuries to your teacher.
Behavior	Be calm! Do not run or push others. Do not throw things!
Eye Protection	Wear safety glasses at all times when working on projects with tools.
Housekeeping	Keep floor and work areas clear and clean. Keep all materials stored where they belong. Allow time for good clean up at the end of work period.
Mental Condition	Most accidents occur when people are tired, anxious or uncomfortable using tools. If you are TIRED stop working, If you are ANXIOUS connect with your teacher. If you are UNCOMFORTABLE connect with your teacher and have them review the tool and technique with you.



General Shop Safety

Safety is the single most important thing to consider when completing hands on woodworking projects.



Topic	Information To Go Over With Students
Hammer	Be careful of nails flying once struck by hammer, this usually happens when it is first started into wood. Use a moderate, controlled swing.
Hot Glue Gun	Easy to burn oneself. Only allow glue guns to be used in a specific location designated by teacher. Do not touch heating end of glue gun. Do not allow melted hot glue to come into contact with skin. If hot glue does stick to skin, run under cold water for 10 minutes or until it is easily removed. Do not pull glue off skin right away.
Screwdriver	Be careful to ensure that you are using the right screwdriver for the selected screw. Hold the handle with the bit pointing downward. Use a firm grip and moderate pressure as you turn the screwdriver.
Tape Measure	This is the most important tool in the Makerspace. Tape measures come with both Imperial and Metric measurements. The tape measure should be handled with care, and not dropped on the floor or other hard surfaces. Care and attention should be paid when retracting the tape measure, so fingers don't get pinched.

General Lesson Plan:

This is an open, basic layout for how any of these projects could be delivered in the classroom.



1. Ensure you have all materials and equipment ready and laid out.
2. Begin the class with the picture book story.
3. Gather your students around a demonstration area, this could be your small group instruction table.
4. Hand out the safety glasses to every child and make sure you are wearing them as well. Talk about why we wear safety equipment.
5. Describe the hammer and show the students using a scrap piece of wood how to hold the hammer firmly and nail a few nails into the scrap.
6. Each project begins with sanding the surfaces and removing any rough edges or sharp bits. Show the students that the sanding blocks have rough material on them that removes sharp edges.
7. Follow the steps written within the project you have chosen. Be sure to go slowly and check for understanding as you go.
8. Once you have completed the demo project, have students orally review the steps with you.
9. Students can move to their tables and begin the project. I recommend having them do one step at a time and reviewing as they move through.
10. Allow time at the end of the period for cleanup. I like to have students cleanup through out - ie: once they are finished with the hammer they put it back in the bin.