Lesson 8

**Types of Joints**

**Splice joint** - one piece is connected to another by way of cuts in both sides that cause them to overlap and interlock in some fashion.

![Half Lap Splice](image)

![Bevel Lap Splice](image)

![Tabled Splice Joint](image)

**Butt joint** - one piece flattens up against the other

![Butt Joint](image)

**Slip joint** - one piece slips inside the other.

![Slip Joint](image)

**Coupling** - a tube like piece that fits each piece within it to connect them together

![Coupling](image)

**Dowel** - a short rod that connects one piece to the other by fitting inside of each

![Dowel](image)

**Tie down/fastener** - a cord that can be wrapped around the joint to keep the pieces together.

![Tie Down/Fastener](image)
# Learning About Joints

<table>
<thead>
<tr>
<th>Type of joint</th>
<th>Observations: What do you notice about structural stability? How did you get each joint to work? What worked well, what didn’t?</th>
<th>Tips to remember: What is something you discovered that you want to make note of for the next time?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Splice joint</td>
<td></td>
<td></td>
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<tr>
<td>Butt joint with tie</td>
<td></td>
<td></td>
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<tr>
<td>Butt joint with coupling</td>
<td></td>
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<tr>
<td>Butt Joint with dowel</td>
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</tbody>
</table>
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How were you able to improve your technique through practice?

Why is it important to document your findings as you work?

What questions do you have about building structures?