

Name: _____

Date: _____

Unit 1: Safety

Woodworking

Mr. DellaPietro

BAND SAW SAFETY

1. Before you use the band saw, check the blade. Be sure the blade is sharp and that it is the right type of blade for the work you want to do.
2. Check the tension of the blade and check to be sure it's installed properly with the teeth pointing downward.
3. Check with your instructor before you make any changes on the saw and before you use any special set-ups.
4. Wheel guards must be closed and locked before the saw is switched on.
5. Before you switch on the saw, adjust the upper blade guide so it's about $\frac{1}{4}$ inch above the material you're going to cut.
6. When you switch on the saw, be sure that it is tracking properly. The blade should move evenly between the blade guides and along the blade support wheel.
7. If the blade makes a clicking noise while it's operating, turn off the saw immediately. A clicking sound usually means there's a crack in the blade. It usually means the blade is about to break.
8. Never stand on the right side of the table, and don't let anyone else stand on that side of the saw. If the blade breaks it could be thrown out of the saw toward the right side and it would cause some very serious injuries.
9. If the blade breaks, get out of the way immediately.
10. Never make any adjustments on the saw while it's moving. Adjustments should be made only when the saw is completely stopped.
11. Wait for the saw to come up to full speed before you start the cut.
12. Don't force the cut. Feed the material slowly enough to allow a smooth, easy cut.
13. If you have to back out of a cut, turn off the saw and wait for it to come to a complete stop. Pull the material back without forcing it and without twisting the blade.
14. Small circles or sharp curves should be cut with a narrow blade. Make relief cuts first.
15. Keep your fingers away from the front of the blade. Guide the material so your hands and fingers are never in line with the cut. Keep them completely out of the path of the cut.
16. Use a piece of wood to remove scraps from around the blade. The safest way is to stop the saw first, then remove the scrap material.



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17. Keep the material firmly against the table. The stock must be supported by the table.
18. Stay balanced. Plan the cut so you can always keep yourself balanced.
19. If the material you're cutting is large or heavy, get help. Get someone to support the material while you guide it through the saw.
20. Don't try to cut cylindrical stock on the band saw.
21. Don't leave the machine while it's running. Turn it off and wait until it comes to a complete stop before you leave.
22. Use the bandsaw only after it's been demonstrated for you and you understand how to use it correctly and safely.