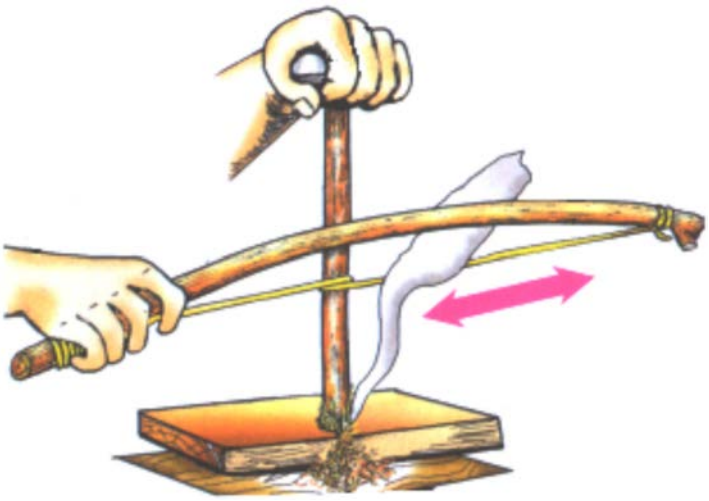
BOW AND DRILL

Construct and use a bow and drill using the following steps:

1. Cut a groove into the bearing block or socket 3–5 cm deep for the hardwood shaft to fit.
2. Cut a groove into the softwood base in which the hardwood shaft will spin.
3. Carve one end of the hardwood shaft into a small point.
4. Collect kindling, tinder and fuel as required.
5. Place tinder into the opening of the softwood base for the embers to fall onto.
6. Wrap the bow around the hardwood shaft and place into the groove on the softwood base.
7. Gather kindling and fuel as required.
8. Place the bearing block on the top of the shaft.
9. Saw the bow back and forth so the hardwood shaft spins.
10. Maintain a constant motion back and forth.
11. Increase speed and look for embers, once smoke appears.
12. Stop and lightly blow on the tinder to start combustion, once the tinder begins to smoke.
13. Apply gathered kindling and fuel as required, when the tinder ignites.



P. Tawrell, Camping and Wilderness Survival: The Ultimate Outdoors Book (2nd ed.), Paul Tawrell (p. 434)

Figure A-1 Fire Bow and Drill

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