Desk lamp in wood and concrete

Hi! I am Clément, co-founder of Wikifab ! I have created this tutorial to let you learn by yourself how to use Wikifab. This tutorial is your sand box! Everybody can modify it! Don't be shy, clic on the "Edit" link in the top tabs and make your first contribution today!

Difficulté Facile	Durée 2 heure(s)	Catégories Décoration, Mobilier	Coût 20 USD ($)

Sommaire

Introduction

While leafing through decoration magazines, I came up with the idea of that simple desk lamp made of wood and concrete. Is this a good introduction to you?

Matériaux

- Concrete
- Woods

Outils

- Saw
- Drill
- Light

Étape 1 - Take measures

Put a mark on the batten, to cut it in 2 battens of 44cm length

NO IMAGE YET

Recommended sizes: 800 / 600 px

All sizes are accepted. If it's possible, prefer the landscape format.

NO IMAGE YET

Recommended sizes: 800 / 600 px

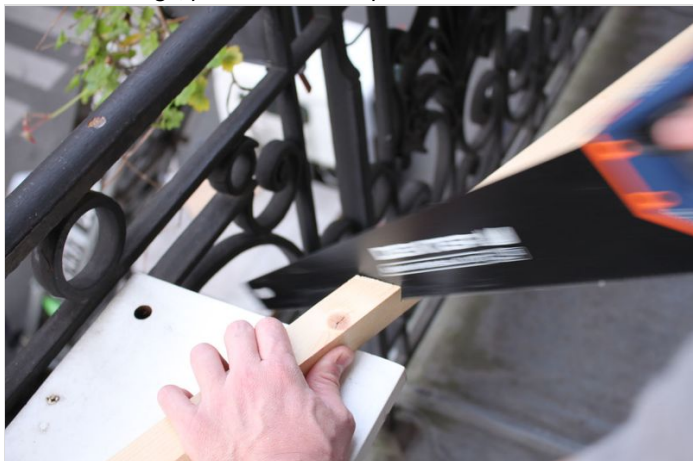All sizes are accepted. If it's possible, prefer the landscape format.

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Étape 2 - cut the battens

Cut the battens !
For better design, you can cut the top batten with a little slant on the top end.

Étape 3 - mark position of the holes

Mark the position of the holes.

We need :

- one hole in each batten to fix them with screw
- some holes to pass the cable
- one holes at the bottom, which will be within the concrete

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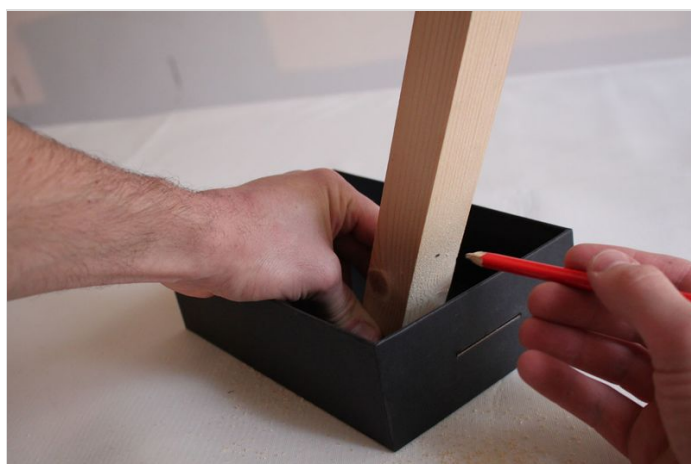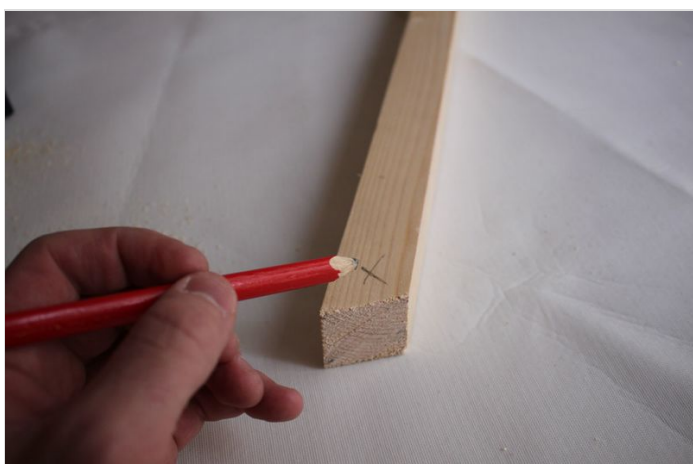
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Étape 4 - Drill the holes

Get your drill in action !

Étape 5 - cut the screw

Cut the screw at good size : to pass throw the 2 battens plus the nuts

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Étape 6 - Add iron wire

pass an iron wire into the bottom holes, and do a structure with it to get a good link between the wood and the concrete.

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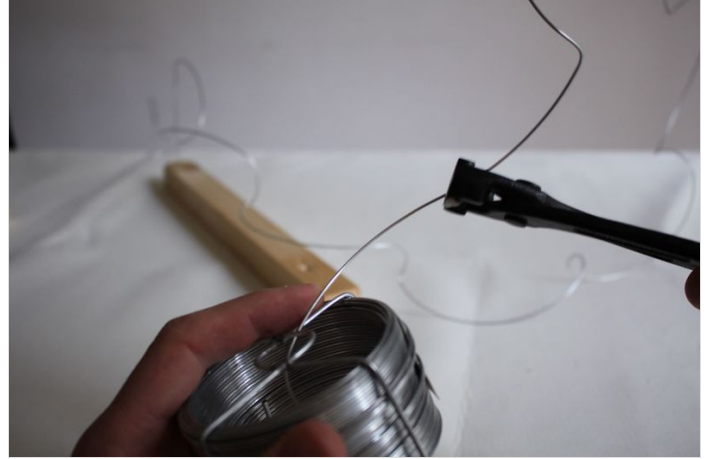prefer the landscape format.

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Étape 7 - prepare the mould

Prepare a box for the mould, and fix the batten in it with a screw.This screw will be removed after the concrete get solid.

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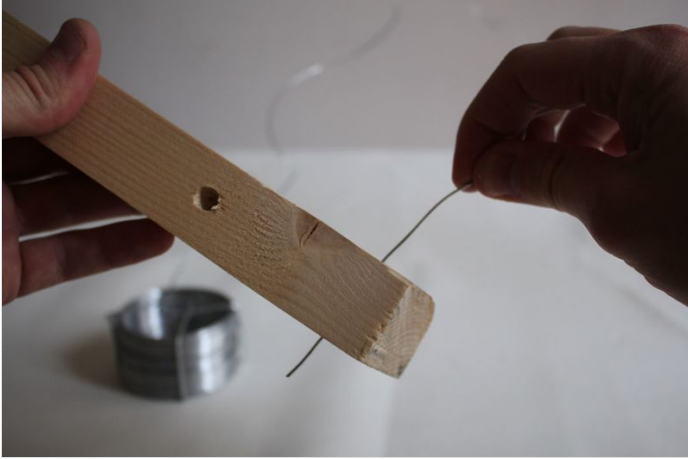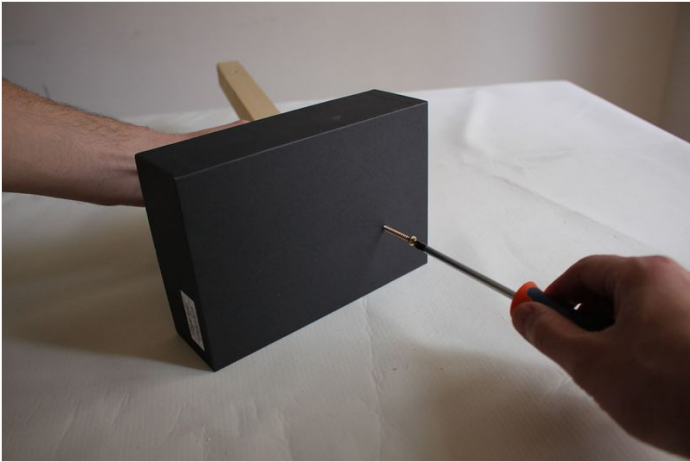prefer the landscape format.

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Étape 8 - prepare the concrete

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Étape 9 - Cast the concrete

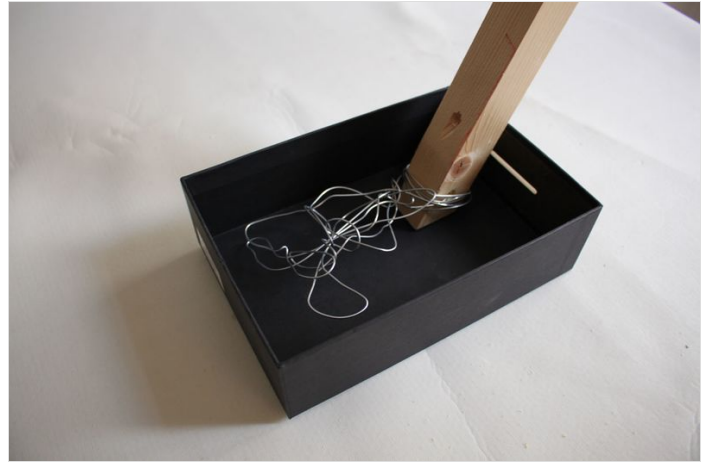Tap the box to remove air bubbles, and let the concrete get solid.

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Étape 10 - Sand the concrete

Once the concrete is solid, sand it to get beautiful surface

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Étape 11 - assemble the light

screw the battens together

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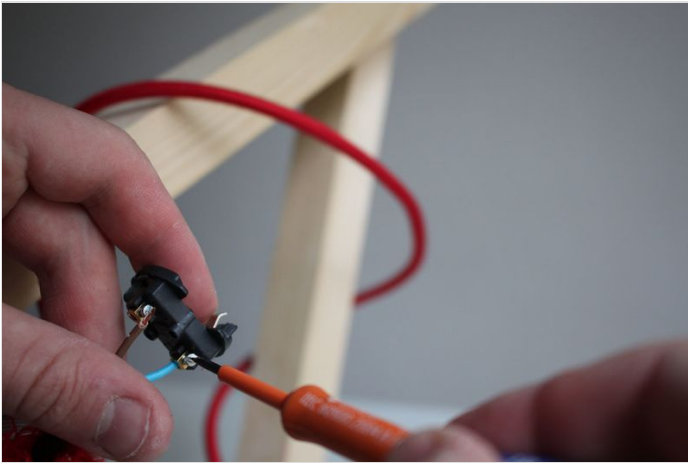prefer the landscape format.

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Étape 12 - get the power

pass the electric cable throw the holes

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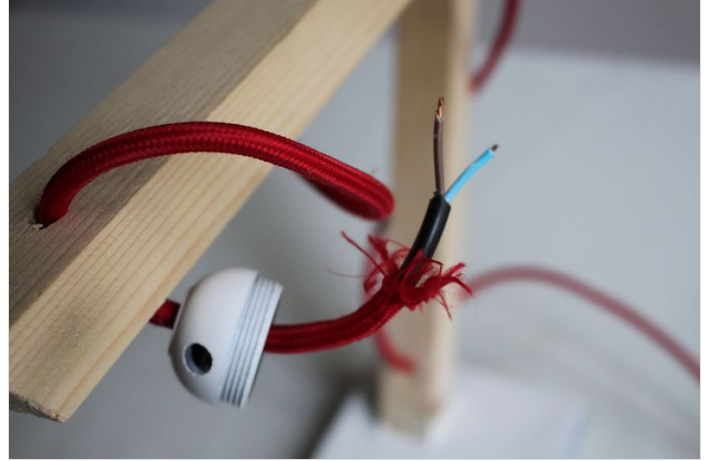prefer the landscape format.

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Étape 13 - add the bulb

Add the bulb the finish your desk lamp

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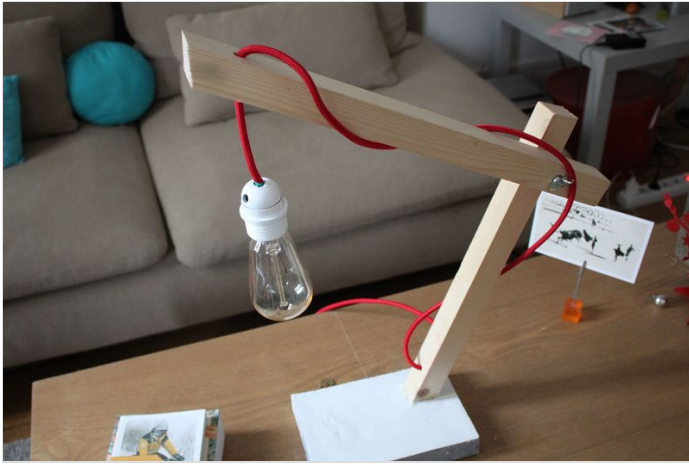prefer the landscape format.

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