Needle Felted Bug

1. Step By Step Instructions:
   o The project will show you how to make a beautiful bug.
   o It is a fun way to make a small bug.

   For making
   Wool fibres 5 g -the length of your palm if you work with roving.
   2-4 colours for a bug.
   A piece of knitted/felted wool scrap for the centre of your bug.
   2-3 Felting needles.
   Sponge or a firm cushion.
   Rubber band.
   Firm plastic or gause.
   10 Pins with large coloured heads or wire.
   Needle and thread.
   Textile glue.
   Pliers.

Preparing your work area:
   o Place the sponge on your table.
   o Get your needles and wool on a side.

Needle felting the wool
   o Wrap the wool fibres around the wool/felt scrap. Think of the shape of your bug. If you want a ball shaped bug- make it a ball. If you want a long bug wrap the wool around the scraps in a finger shape.
   o Add a few wisps of colour to add pattern and divide areas of your bug.
   o Start poking the wool with the felting needle. Try to keep your fingers away from the needle.
   o Work the bug till it takes shape.
   o You can change the shape by adding more wool to an area.
   o Work the wool till you are happy with the shape and patterns.

Putting tentacles on your bug.
   o Using pins place them on the bottom of your bug diagonally on its body. You can make your bug four legged, 6 legged or even 8 legged- whatever you like!
   o Use a thread and a needle to make antennae
   o Cut wings by folding your plastic or gauze and cutting it the size of your finger.
   o Attach the wings using a rubber band. The rubber band also serves to form nice bubble head!

Making beautiful picture from a few humble wisps of wool puts a smile on my face every time. Isn't this just magic?

Want to show off your bug?
Send herself@nikicollier.com and she would make an online exhibition of all artists.

Kits for making the bug
Materials: free 10 kits available from www.nikicollier.com/workshops
Just enter **code: childrencraftbug**
Additional craft kits available from
www.theconstantknitter.ie

www.nikicollier.com   m:0876615066   @nikicollierfelt

Rialtas na hÉireann
Government of Ireland

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Making A Fire Fly from your Needle Felted Bug- Session 4

2. Step By Step Instructions:
    o The project will show you how to make your beautiful bug glow in the dark.

    For making
    Coin cell battery holder. I have used the Lily Pad coin cell battery holder with side switch. You could also use a Kitronik coin cell holder. Kitronic does coin cell battery holder with light sensor on it. Go for it if you want your firefly to be that extra realistic.
    1 LED
    Solder
    Soldering Iron
    Needle and thread.
    Textile glue. I use Gűtterman Glue.
    Pliers.

Preparing your work area:
    o Plug your soldering iron. Before any soldering can be done, the soldering iron needs to be turned on and heated to the desired temperature. Keep the soldering iron away from frameable surfaces, children, pets and folk who do not respect technology and fire.
    o Take your LED, pliers and soldering iron.

Some safety nods on soldering: Always pick up the soldering iron by the insulated handle! The metal part of the soldering iron is hot, hot, hot and accidentally gripping it will result in painful, ugly burns. Some folk hold the soldering iron as if they were gripping a spoon. I seem to grip it more like the way I hold a pen. Go with whatever technique makes you the most comfortable as it will be the safest way to work with it too. Always put the soldering iron back into the stand when not in use. Keep the soldering iron away from flammable surfaces, children, pets and folk who do not respect technology and fire at all times. They don't deserve it!

Soldering your LED onto your coin cell holder.
    o Put the negative LED pin into the negative pole of the coin cell battery holder. Curl it in place with pliers. *Do you know which is the negative and which is the positive pin on a LED? Negative pin on a LED is shorter and flattened near the head of the LED. The poles on the coin cell holder are marked "-" for negative and "+" for positive.*
    o Place the soldering iron to the pole and pin at the same time so that they heat up.
    o Push the solder into pin and pole simultaneously until solder melts and they fuse together.
    o As soon as they appear to be fused, remove the solder and iron.
    o Repeat the same

Sewing your Electronic Kit to your bug.
    o Get your bug and place the electronic kit at the belly.
    o To glue: Put glue on your bug and hold for 2 min. Leave the bug belly up for 20 min till the glue dries.
    o To sew: thread the needle and sew the electronic kit to the belly using the pole holes.

o Press the button on. Your butterfly is now alive.

Isn't that magic?

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https://www.robotshop.com/