

ACTIVITY DESCRIPTION

Emosilla (Emo – emotion / silla – chair in spanish) or Emochair is designed for kids.

During the workshop they will learn the process of digital fabrication by participating in the design and fabrication of a chair their size that they will take home. It consists of 3 activities, each one with a specific goal:

1. The kids will learn about their emotions by listening to different types of music, looking at pictures that express different emotions and talking about their daily experiences.
2. They will be able to capture one emotion in a graphic way by drawing a face in the back of the chair, first on paper, then digitally and finally using the CNC machine or the laser cutter to engrave their drawing.
3. They will be introduced to the network. The same workshop will be happening in other fablabs around the globe and we will be online to promote interaction so they can meet with kids of different countries.

The chair is designed as a press-fit construction kit of 5 pieces. 4 of them will be cut in advance and only the back of the chair will be cut by the kids the day of the workshop so they can engrave the “emoticon” of their election. At the end, they will put together the pieces and decorate it with paint and textures that also identify the emotion they chose.

This is a workshop developed by the Fab Lat Kids team of the Latin American Network of Fab Labs and has already been tested in 7 countries with a lot of success.

You can check out our facebook page here: <https://www.facebook.com/emosilla?fref=ts>

E-book (in process) here: http://issuu.com/fablatkids/docs/emosilla_fablatkids/1

Paper (in process) here: http://issuu.com/fablatkids/docs/res__men_articulo_fab_lat_fest_-_20

If possible we might need more than 90 minutes to complete the workshop.

For 15 kids, we might need from 120 to 150 minutes.

TECHNICAL AND SPECIAL REQUIREMENTS

A CNC machine before the workshop to cut most of the parts of the chair CNC machine or laser cutter the day and time of the workshop to engrave the back of the chair:

Sandpaper, 2-3 computers to make the digital file, 15mm MDF (1 sheet per 3 kids), ¼ liter of paint per kid (different colors), 1 paint brush for kid, 1 projector, 1 piece of paper per kid, Crayons or color pencils



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Organiza
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