

Title: Culture, Memories, and Climate Change (Data)

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Duration of the workshop: 1.5-2 hours

Number of participants: 10-20 (up to 2 facilitators needed for larger groups)

Description

We were using the climate change data for the place of residence of each workshop participant, focusing on the temperature anomalies over the past 30 years. The participants had to use the graphs we gave them to choose correct colours and weave a small piece of woolen rug/bookmark. If the anomaly was colder than the average, they had to take shades of blue, if warmer - shades of red. Before this hands-on activity we also made a presentation about the results of the interviews students in Estonia made with their (grand)parents about their experiences of cold, winter and climate change. There we memories and pictures of old-style winter clothing and some extreme weather events.

Steps

1. Get to know the hometowns of the participants. Search for climate data of the location on this webpage: https://www.meteoblue.com/en/climate-change/tallinn_estonia_588409
2. There is an option to use graphs "Yearly Temperature Change" or "Temperature and precipitation anomaly by month". We used the last one as it is more convenient (so we chose the graph for September as an example). Click on the three stripes on the right upper part of the graph to print the graph out.
3. Gather the materials (see next section). Place the yarn on the table connecting colours to temperature anomalies (ex. -4°C is dark blue, -3°C is lighter blue etc.). The participants will have to use this colourcode when weaving - they will have to look at the graph for temperature anomaly and choose the right colour.
4. Give instructions to the participants on how to weave a rug. Use cardboard loom weaving technique, you can find instructions in youtube, for example: https://www.youtube.com/watch?v=xvFn4r_5i1g
5. 30 min of the workshop we had a presentation about the results of the interviews with (grand)parents. You can use this interview template (https://docs.google.com/document/d/11eCLQ2AaSZxhYuhL8YLS-9j_fy3LoeNgImetpgf-kTc/edit?usp=drivesdk) to give an additional task to students. The memories (pictures, objects) can be then later connected to the rug using pins.

Materials

Cardboards (prepared for loom weaving), needles (size depends on the thickness of yarn), yarn of different shades of blue and red plus white for marking zero anomaly.