kokopelli's domino: the process

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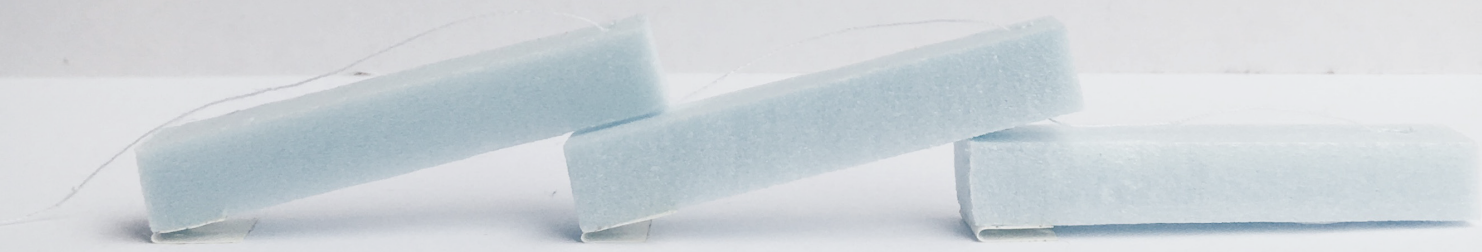
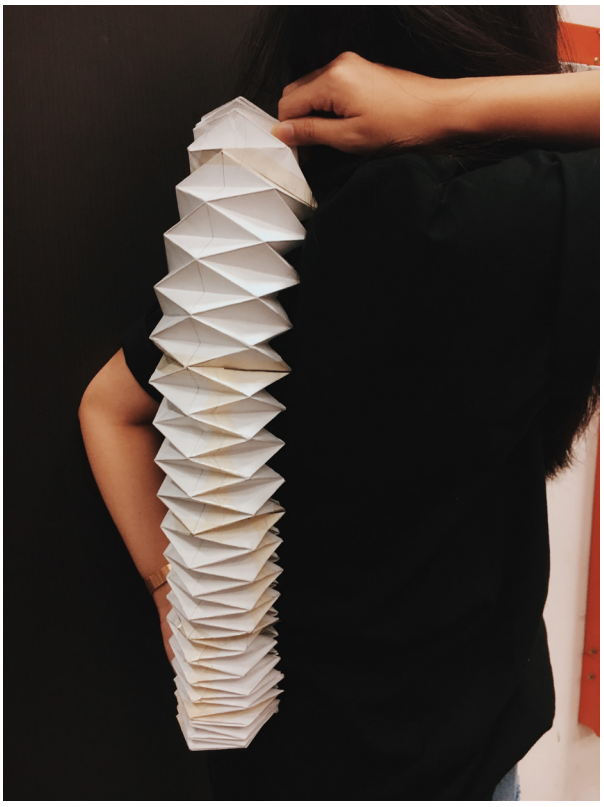


experimenting folds:
the accordion



experimenting folds:
spikes

As observed, the **flexion of the spine does not allow for the mechanics of both folds to work** as well as they would, perhaps within the bend of the elbow or knee.

prototype:

Testing the **mechanics of a hinge** and **exploring sounds** to be produced based on the spine's movement in **bends and twists**

analysis:

The use of a **non-elastic material** across the spine **did not allow for maximum bend** when the ends were connected to the neck and hip.

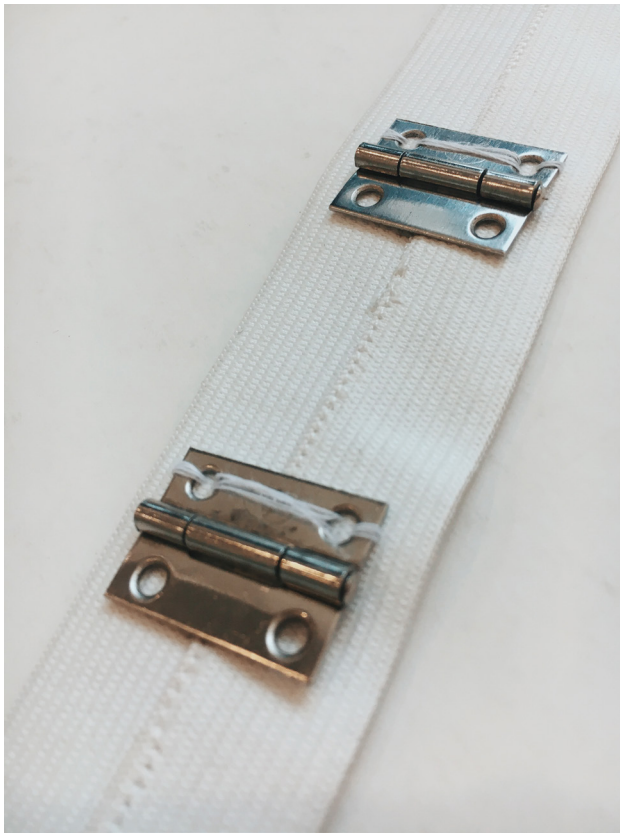
staccato, echo:

The **fall of the wooden blocks** onto one another when the **spine is bent forward**, create a **detached** and **repeated rhythm**.

pianissimo:

Small bottles of rice, attached to the base along with every block create a **soft, pianissimo shake** when the **spine is laterally bent, or twisted**

solutions:
elastic bands & stitching



Using **elastic bands** to allow for maximum bend of the spine, and **stitching** the hinges down for better securement of blocks.

Stitching **three wearable parts** – the neck, waist and hip, to ensure that the structure **follows the spine as closely as possible** when worn.