

## Can we design a futuristic classroom?

### Key Vocabulary

**futuristic**- very modern technology or design

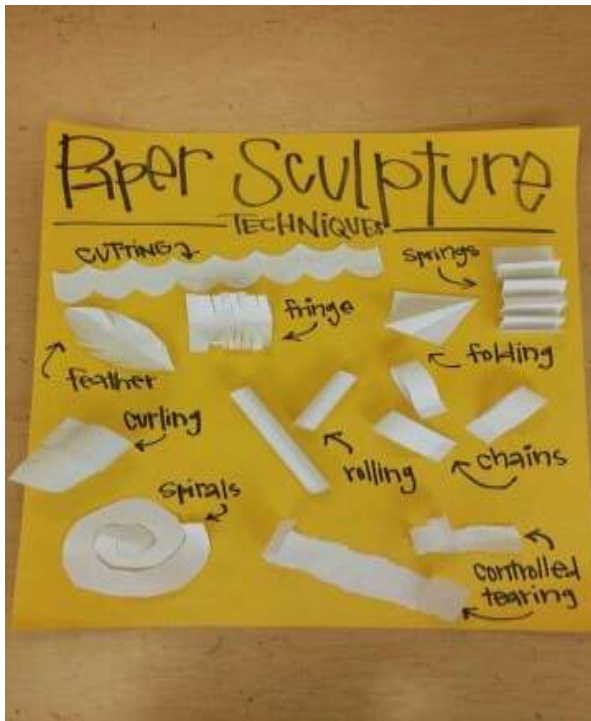
**stronger**- able to withstand force, pressure, or wear.

**stiffer**- not easily bent or changed in shape; rigid.

**stable**- not likely to give way or overturn; firmly fixed.

**roll**- move in a particular direction by turning over and over on an axis.

**twist**- form into a bent, curling, or distorted shape.



### The design and make process:

#### *Design*

- \* design purposeful, functional, appealing products for themselves and other users based on design criteria
- \* generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups

#### *Make*

- \* select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- \* select from and use a wide range of materials and components

#### *Evaluate*

- \* explore and evaluate a range of existing products
- \* evaluate their ideas and products against design criteria

#### *Technical knowledge*

- \* build structures, exploring how they can be made stronger, stiffer and more stable
- \* explore and use mechanisms in their products.

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