



Fifth Grade Engineering Project

SEL STEM Challenge



Your goal is to engineer a mechanism that meets one of the following SEL goals.

SEL Goals	Criteria	Constraints
Helps students to find calm when feeling worried, anxious or frustrated.	Device must: <ul style="list-style-type: none"> • Be silent • Be reusable 	No food can be used.
Allows students to fidget while improving focus and concentration in the classroom.	Device must be made of 50% recycled materials. Remember, if a material has been used for something and you are reusing it, then that is a recycled material.	
Brings students joy when feeling sad or down.	Device must be made of multiple components.	

5) ~~DIY~~ ~~paperroll~~ ~~crafts~~

- Spring
- Project

③ Plan & Design

- Draw & label a diagram (detail)
- Create materials list
- Create list of steps

7 Steps : Materials

1. Cut out a cylinder of memory foam.
 - Materials:
 - paint (or markers)
 - Memory Foam
 - pipe cleaner
2. Cut and Attach hands, ears and face made of cardboard.
3. Cut hole in the back of foam.
4. Thread pipe cleaner through and hook and glue in place.


