

Student Name: Hina Khalid	Project Title (tentative): Interactive Painting	
Project Summary: <p>The Interactive painting consists of flowers. The mother flower keeps on glowing regardless and the child flowers glow dim and bright depending on the humidity and level of sound. Upon blowing air on the child flowers the LED's attached to the flowers glow showing the scenario as if the seeds being dispersed from the middle of the flower.</p>		
Planning Stage: <ul style="list-style-type: none"> - Order and get all the materials needed. - Wire up all the connections. - Test the code with the circuits built and get the code working. - Put together all the backend on cardboard. - Make the front end. - Combine backend and front end. 	Resources <p>ADAFRUIT Circuit Playground Classic MCU Development Board 3000, Adafruit Ring of 12 Neopixels, 5V Strip of 11 RGB LEDs, Sound Microphone Sensor, Jumper Wires, 5V Rechargeable Battery with USB A connection, Printer Cable, Glue Dots or Hot Glue, A4 Card, Paint box, Masking Tape, 9 Self-Adhesive Velcro Tabs, Cardboard, Temperature and Humidity Sensor Module.</p>	Skills or Techniques <ul style="list-style-type: none"> - Electronics skills: To make up all the backend circuits from LED's, Neopixel ring and sensors etc. - Computer skills: To write code and get it working. - Art skills : To make the front end using paint.
Define your audience <ul style="list-style-type: none"> - Audience can be anyone at home or outside any location. 		
Related Artists / Art Works: <ul style="list-style-type: none"> - Jie Qi. - Ruairi Glynn. 		