**[](https://agora.cs.illinois.edu/display/cs4hs)**[**Blowin**](https://agora.cs.illinois.edu/display/cs4hs/Analog+Clock)**g in the Wind**

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**Challenge:**

Create a flower that bends when the wind blows.

**Things you'll need to know:**

* How to change the center of rotation of an object (so that one end of each line segments is always aligned with the end of the preceding line segment).

**Things to think about:**

* How does one join line segments?
* How does one make the movement of one line segment dependent on the movement of another?
* How does one make the movement of the first line segment dependent on the when the wind is blowing?

**How to do it:**

**Extensions**

* Can you make the flower straighten when the wind stops?
* Can you vary the wind speed and link the angle of bending to that speed?

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