



UFO or UAV (Simulator) Lesson 6



NextWaveSTEM

Fighting Climate Change with Drones



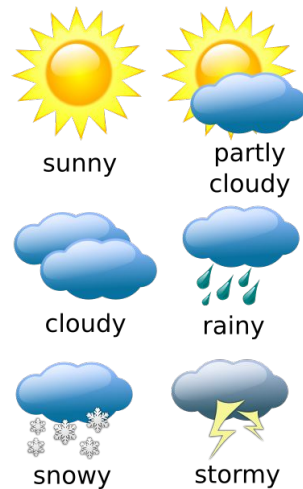
What is Climate Change?

What are some ways in which we can fight climate change?

How do you think drones can be used to help fight climate change?

Why are drones used to combat climate change?

Predict Weather Changes



Planting Trees



Fighting Climate Change with Drones





Dropping Seeds in Egypt

Let's use the Egypt map as an example of an area with precise fertile zones.

Planting the Seeds


- Takeoff
- Camera
- Navigation
- Flip
- Land
- Logic
- Loops
- Math
- Text
- Lists
- Variables
- Functions

```
Take off
fly up 20 inches
fly forward 20 inches
flip left
fly backward 20 inches
fly down 20 inches
land
```





Exit Slip

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1. What commands did you use to get the “seeds” to spill out onto the ground?
 2. Was your drone successful in planting “seeds”?
 3. Do you think there is a better way to program the drone so it will spill more “seeds” onto the ground? If so, which commands would you use to make the program better?

Great Work!

