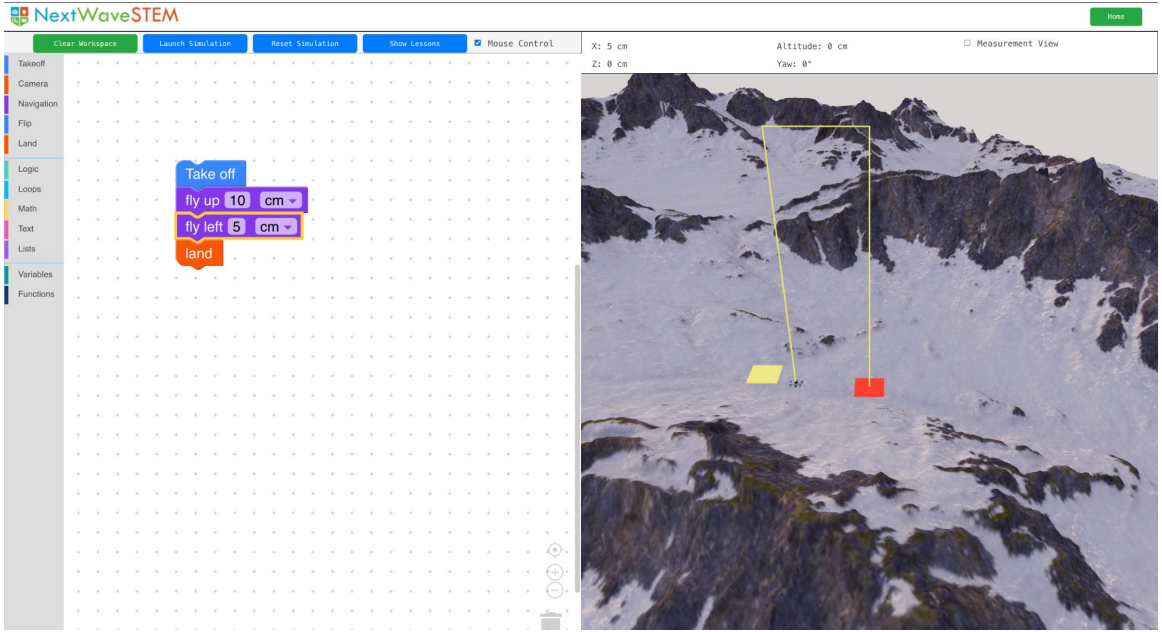
Drone: Mastering Altitude and Precision Navigation

Welcome to Drone Flight Basics!

In this combined lesson, you'll learn how to control the drone's vertical movement and practice flying with precision.

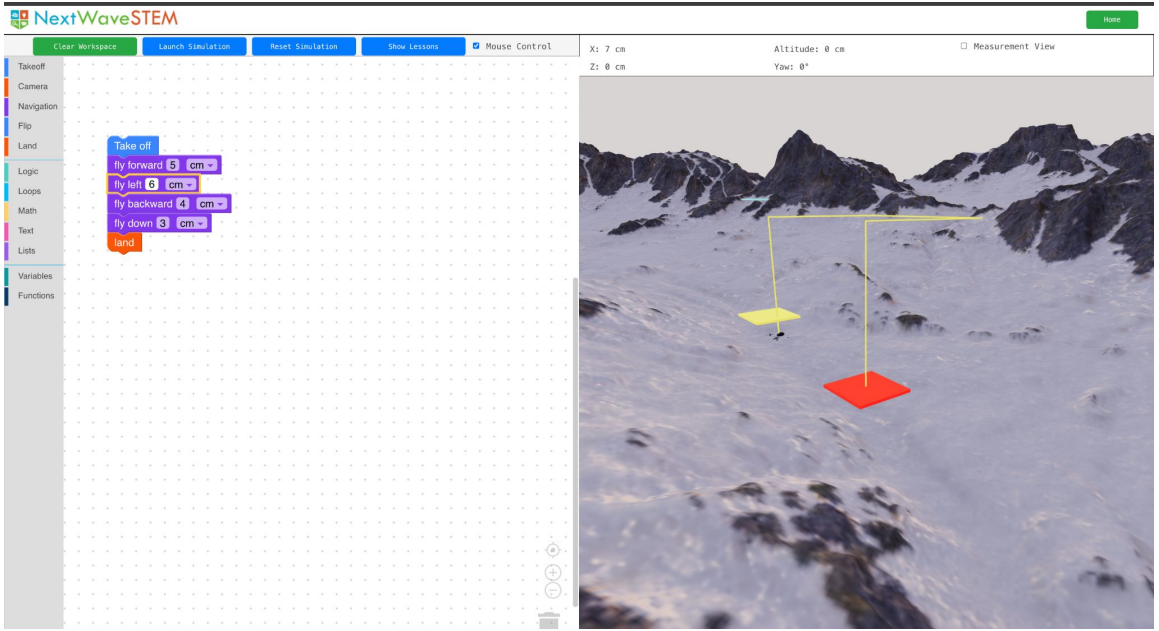
Movement:
`flying_up_distance`, `flying_down_distance`,
`flying_left_distance`, `flying_right_distance`,
`flying_forward_distance`, `flying_backwards_distance`

Drone Fly



What is the outcome of this launch? Note the X, Y, Z coordinates at the end of the mission

Drone Fly



What is the outcome of this launch?What is the outcome of this launch?
Note the X, Y, Z coordinates at the end of the mission

Now It's Your Turn!
Experimenting with Drone Movement

- Experiment with **values between 0 and 10** for each direction.
- Move the drone in the following sequence:
    1. Up
    2. Down
    3. Forward
    4. Backward
    5. Left
    6. Right

Observe & Record:

- Note how far the drone moves for each value.
- Record the **final position** of the drone at the end of the simulation.

Now It's Your Turn!
Experimenting with Drone Movement

Can you Land the Drone on the Yellow Landing pad?

Can you Land the Drone at the Blue Landing Pad?