03 Feb 25 AI in classroom - when where to use AI advantages disadvanteges/problems HW: Complete the previous HD
with adventages problems in
each GSE.

Drones:
he will use an open source progremmable
Drone called Crazyflie.
Toy fan: propeller
Rotate the stick with your
stick thands and leave attonce
then the toy fan flies
tor a short time.

Normally, the toy fan doesn't fly. Why? Because earth aftracts all objects to itself. When the toy fan is spinning, it starts to the Why? The air might be pushing it up. When the toy ten's spin starts to slow down, it starts coming down to the earth. -> If means, it needs votate faster than some value to keep Hying.

Air is pushing it up.

And this force increases

with increasing speed

of votation. Initially, when we spin it hard, the upwards push by air is > gravity, so the try goes up. Then as the spin slows down, air push = gravity, then air push zgravity. So the toy starts to come down.

HW: Make a working paper propelbox toy.

HD: Study the class notes & AI generated
HD: Study the class notes of AI generated notes on drones-
HW: Play with a toy fan, and see
how the spinning speed affects
vertical motion.
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