4H Programming

```
#fly
----------------------------------------------------------


const magik = magikcraft.io;

function main() {
    magik.volare();
    magik.dixit('Fly!');



----------------------------------------------------------




#mc (magic carpet)
----------------------------------------------------------

const magik = magikcraft.io

function main() {
    magik.declaro('elytra');
}
```

```
#el (massive explosion and lightening)
--------------------------------------------------------
const magik = magikcraft.io;

function main() {

    const Material = magik.type('Material');
    const world = magik.getSender().getWorld();
    function p5() {
        const x0 = looking.getX();
        const y0 = looking.getY();
        const z0 = looking.getZ();

        function blast(X,Z, Y) {
            const looking = magik.aspecto();

            const location = looking;
            location.setX(X);
            location.setZ(Z);

            world.strikeLightning(location);
            let b = world.getBlockAt(location);
            while(b.getType().equals(Material.AIR)){
                Y--;
                location.setY(Y);
                b = location.getBlock();
            }
            world.getBlockAt(location).setType(Material.OBSIDIAN);
        }

        const r = 8;

        const items = 40;
        for(let i = 0; i < items; i++) {
            const x = x0 + r * Math.cos(2 * Math.PI * i / items);
            const z = z0 + r * Math.sin(2 * Math.PI * i / items);
            blast(x,z,y0);
        }
    }
```

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```
function blast() {
    const looking = magik.aspecto();
    const X = looking.getX();
    const Y = looking.getY();
    const Z = looking.getZ();
    const location = looking;
    location.setX(X + Math.random() * 10 - 5);
    location.setZ(Z + Math.random() * 10 - 5);
    world.strikeLightning(location);
    world.createExplosion(looking,4);
}

magik.doNTimes(() => {
    magik.doNTimes(() => {
        magik.doNTimes(() => {blast()}, 15, 500)},
    15)},
15, p5);

}
```
_____