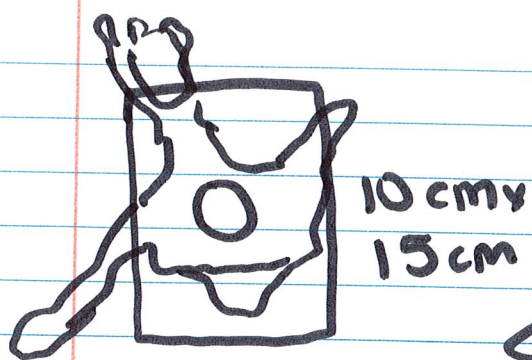


SPLAT-O-MATIC

LOW/SHOULDER 1.3 m less potential



HIGH/CEILING 2.3 m more potential



Potential Energy: Stored energy due to the relative position of an object.

Kinetic Energy: Energy due to movement

What are system inputs & outputs?
input: energy needed to lift egg to drop height
output: size of splat

What happened to the size of the splat as we increased in height?
Splat got larger
150 cm² vs 1,020 cm²
1.3 m vs 2.3 m

How are height and energy related?
The higher the object is, the larger the splat, the more energy we have

What does the splat represent?
The energy from the object