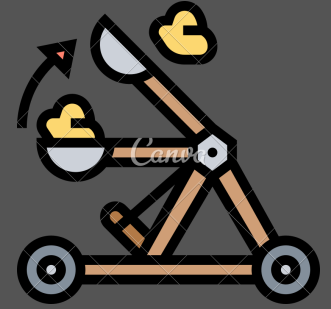
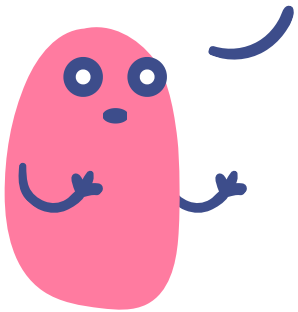


The Catapult Challenge

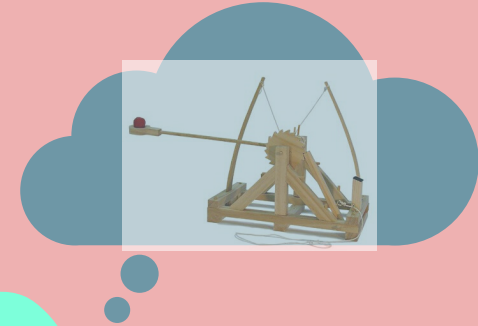
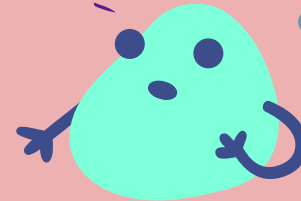
STEAM like Leonardo project - By Isa Pont



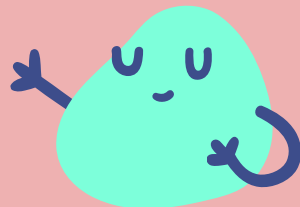
Help! I have to build
a catapult like
Leonardo did...



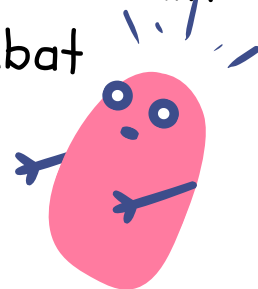
Oh my! That's
absolutely
amazing!

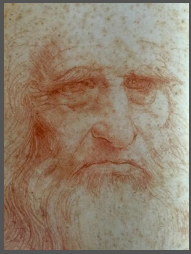


I'll help you... Leonardo
sketched mechanized
throwing devices...



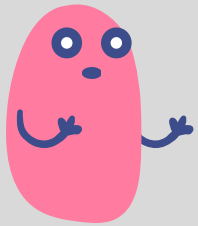
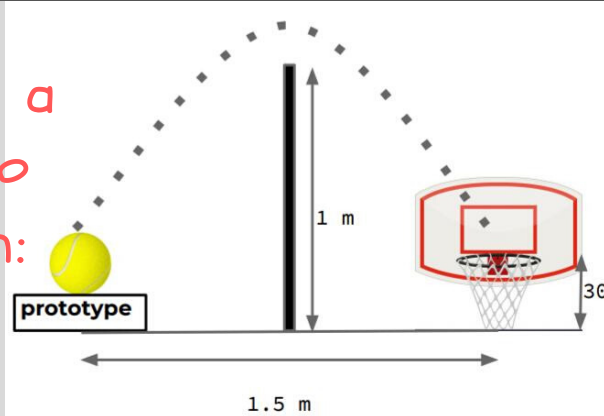
...although history has not
determined whether or not his
catapult creations were ever built
or employed in combat





Leonardo Da Vinci offered his innovative ideas to kings, noblemen and governors to not only enhance security around their castles and fortresses, but also to strengthen their defences on the battlefield

But I have a mission to accomplish:



ARGH

Oh, I see, it is not as simple as I thought!



First of all we need Physics to help us! We will learn with an applet:



CLICK HERE

to go to the applet



YEAH

So we have to consider the angle and the initial speed...



Hey, this is my work...
have a look at the
video!



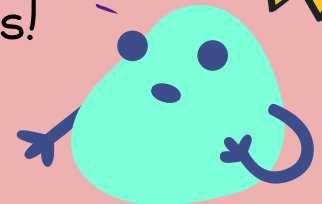
ui ds of 1e
g; b
e



Hey Guys, now it's your
turn to design a
catapult...GOOD LUCK!



Oh, you have done a
great work,
congratulations!



By Isa Pont