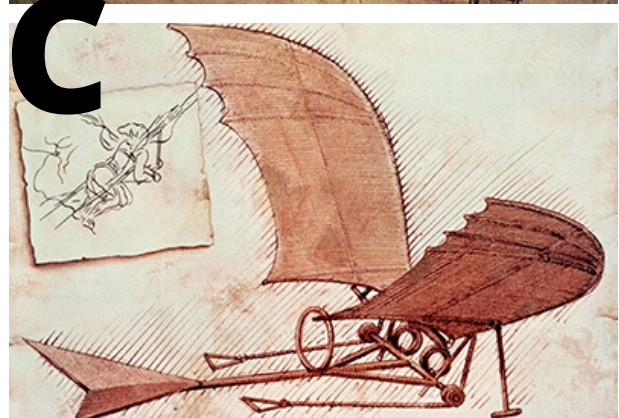
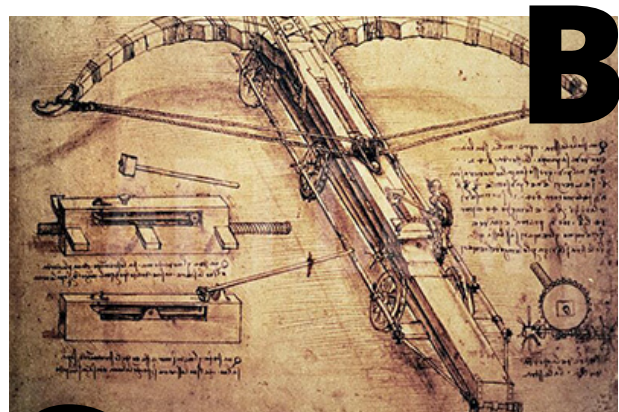
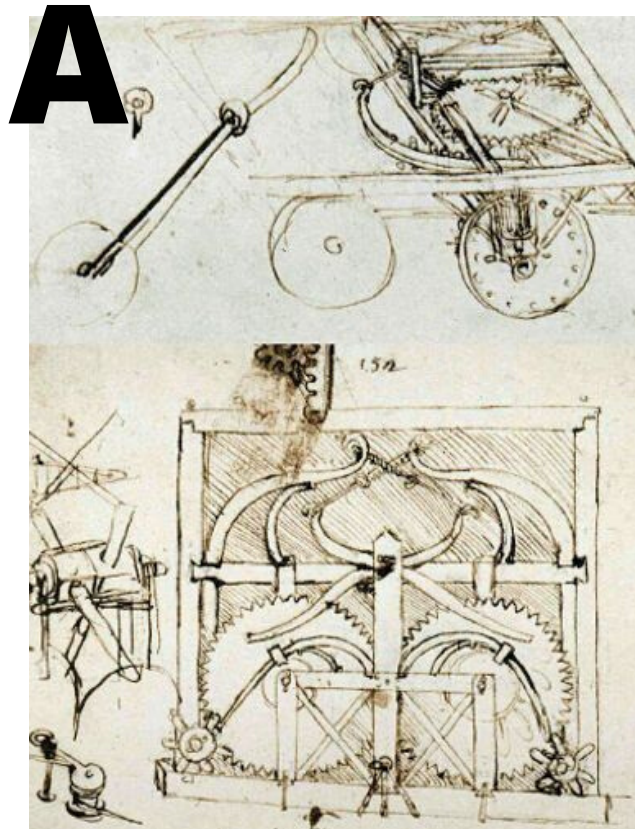


DA VINCI'S INVENTIONS



Leonardo da Vinci was a master of inventions! His blueprints were incredibly detailed sketches of both new contraptions like flying machines and improvements on preexisting objects such as the clock. Some of da Vinci's blueprints included sketches of the finished object as well as the inner workings. This has allowed today's scientists to recreate some of da Vinci's machines.

Take a look at some of da Vinci's sketches below. Can you tell what they are? Answers on the following page.



DA VINCI'S INVENTIONS



Answers:

A - Self-Propelled Cart

B - Catapult

C - Flying Machine

Activity

For today's activity, we're challenging you to draw up blueprints for your own invention or a modified version of an object that already exists!

First, choose an everyday object found in your home (a coffee pot, radio, toaster, etc.). Create a sketch of this object, paying attention to all of its details. How do you think this object works? Create a second sketch detailing what you think it looks like on the inside.

Once you've done this, it's time to invent your own machine! You can also modify an existing object. Remember to think of details and how the object will work.