



WHERE LEARNING IS AN ADVENTURE!



**You'll be amazed to learn how much of our 21st century technology is based on the ideas of the original Renaissance man Leonardo da Vinci.**



Leonardo da Vinci had designed over 44,000 inventions in his lifetime. Sadly, only 14,000 actually survived.

In the 1960's, stuck between two pages of da Vinci's sketch books (known as codices) for centuries, a researcher found early drawings for our modern bicycle.



Da Vinci sketched out the first underwater breathing gear for scuba gear. However, he refused to share the designs with his sponsors because he thought they might use his invention for the purpose of war.

## Xtra Fun, Xtra Credit!

For adventurers 9+

### Flywheels Can Be Fun

Position a bicycle so that the front wheel is free to spin. Now spin it as hard as you can. Time how long it spins before it stops. Experiment with bike wheels of different diameters and note which one spins the longest.



### Portable Bridges Today

Research how different types of bridges are used for different topography. Are portable bridges still used anywhere in the world?



### Build It, Test It, Learn It!

Here's a fun Invention project from our Museum Access Education curated collection. To purchase this toy click the link below this document.



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Or contact us at [info@museumaccess.com](mailto:info@museumaccess.com).

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