The Daily STEM

STEM in the News

What if you could make an extinct animal come back to life? Would you like to have passenger pigeons or dinosaurs on Earth again? Some scientists believe they can create a new breed of wooly mammoths. They wouldn't be exactly like ancient mammoths, but more of an Asian elephant with plenty of hair to keep it warm in the Arctic. If this works, they think other species could be made that could eat ocean plastic. Or even better, they could make new organs for people in need that wouldn't be rejected by the body. But just like any new technology, there are many questions. Could you think of problems could happen from something like this?
Learn more: **cnb.cx/3kpbIEW**

The Puzzle

Move exactly one matchstick to make the equation true. Then try making your own puzzle!

Created by: Anna

Decode the answer using P=M, Q=N, R=O:
pryh wkh erwwrp ohiw pdwfk iurp wkh 6 wr wkh odvw 4 wr pdnh lw 9

STEM Challenge

Secret codes have been used for thousands of years. One of the earliest examples, the Caesar Cipher, was used by Julius Caesar 2000 years ago. By shifting the alphabet, you can create a simple code. For example, a shift of +3 makes A=D, B=E, and C=F. That would turn the word SECRET into VHFUHW. You can even make your own Cipher Wheel by attaching two circles with a brass fastener. Learn how to make one on this website (it'll even help you decode the answers to the puzzles in The Daily STEM): **bit.ly/2oEIsQk**

STEM Career: Art Conservator

Have you ever visited an art museum? Did you ever wonder what happens if a priceless painting or sculpture gets damaged? Art conservators are people who repair, preserve, and clean priceless works of art. Sometimes they even have to determine
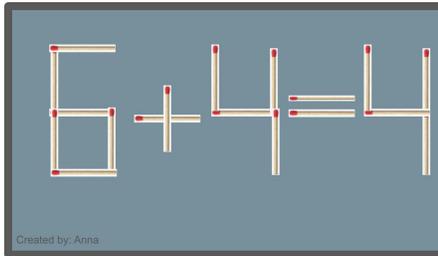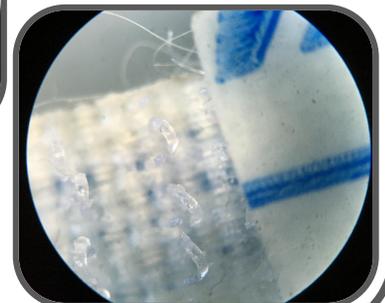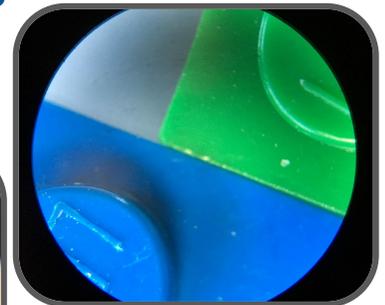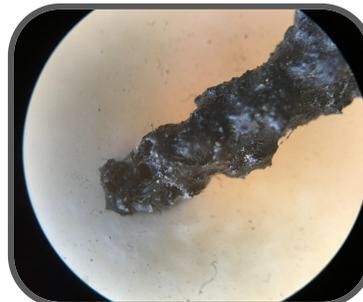

if a piece of artwork is authentic or a forgery. People who work in art conservation must study the chemistry and properties of materials used in artwork, be able to analyze the artwork using various types of technology, and have a love of history. And as technology continues to change, the work a conservator does continues to change too. If you think a career in art conservation sounds interesting, learn more about what Art Conservators do:
bit.ly/3EBaFcV

Mystery Photos

Can you identify the mystery items under the microscope?

Decode the answers using P=M, Q=N, R=O...
   ohjr
   fdqgoh zlfn
   yhofur