



PICKING UP S.T.E.A.M.

WITH SCIENCE, TECHNOLOGY, ENGINEERING, ART & MATH

FIND OUT ABOUT THE SCIENCE BEHIND
OUR EXPERIMENTS!

ROCK SUGAR JEWELRY

THE ROCK CANDY CRYSTALS GROW MOLECULE BY MOLECULE. WHEN SUGAR AND WATER ARE HEATED TOGETHER AND THEN COOLED, A SUPERSATURATED SOLUTION IS CREATED. THE SOLUTION CONTAINS MORE SUGAR THAN CAN STAY IN LIQUID FORM. SUGAR THEN COMES OUT OF THE SOLUTION AND ATTACHES TO THE STRING. OVER TIME, THE WATER EVAPORATES. AT EACH STAGE, THE SOLUTION CONTINUES TO BECOME MORE SATURATED, AND SUGAR MOLECULES CONTINUE TO COLLECT AROUND THE STRING. ALL OF THE LOOSE SUGAR CRYSTALS HAVE NOW REALIGNED AND ATTACHED TO BECOME ONE LARGE CRYSTAL KNOWN TO US AS ROCK CANDY.

MAKE YOUR OWN
ROCK SUGAR JEWELRY!

AGAIN & AGAIN



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