

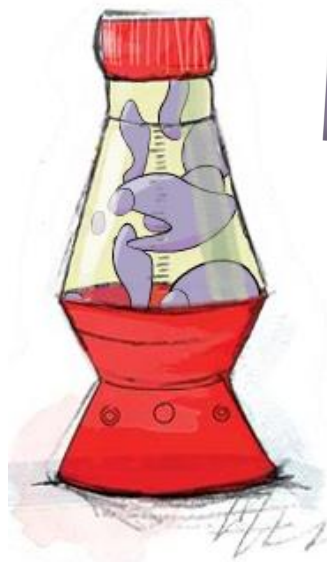
## PICKING UP S.T.E.A.M.

WITH SCIENCE, TECHNOLOGY, ENGINEERING, ART & MATH

FIND OUT ABOUT THE SCIENCE BEHIND  
OUR EXPERIMENTS!

### McKEYLA'S LAVA LIGHT EXPERIMENT

MOLECULES OF WATER DON'T LIKE TO MIX WITH MOLECULES OF OIL BECAUSE OF SOMETHING CALLED INTERMOLECULAR POLARITY. THE OIL STAYS ABOVE OR SEPARATED FROM THE WATER BECAUSE OIL IS LESS DENSE THAN WATER. NEXT, WHEN YOU ADD AN EFFERVESCENT TABLET, IT DISSOLVES, CREATING A GAS. AS THE GAS BUBBLES RISE, THEY TAKE SOME OF THE COLORED WATER WITH THEM. SCIENCE IS RAD, RIGHT?



MAKE YOUR OWN  
LAVA LIGHT!

AGAIN & AGAIN

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