

Kids Corner July Activity Sheet








Fireworks & Minerals!

How rocks help make the 4th of July sparkle

Why Are Fireworks So Colorful?

Fireworks get their bright colors from **minerals!** When certain metal salts (made from minerals) heat up in the sky, they glow in different colors.

Where the Colors Come From

 Minerals		 Colors
A. Strontium		 1. Red
B. Barium		 2. Green
C. Copper		 3. Blue
D. Sodium		 4. Yellow
E. Calcium		 5. Orange

Fun Facts

- Blue is the **hardest firework color** to make.
 - Fireworks were invented in **China over 1,000 years ago**.
 - Aluminum and magnesium make the **sparkly white flashes**.
 - Fireworks are a mix of **geology + chemistry + art**.
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