

Name \_\_\_\_\_

## The Colorful World of Crayons: How They're Made and Spread Smiles

### Short Answer Key

1. The primary material used to make crayons is paraffin wax, which is a soft solid derived from petroleum, coal, or shale. Paraffin wax is chosen for its ability to hold color pigments and create a smooth, consistent texture when applied to paper.
2. Color is added to crayons by melting paraffin wax and mixing in selected pigments to achieve the desired shades.
3. Mixing pigments with paraffin wax is essential to create a uniform color throughout the crayon and to control the intensity of the color.
4. After the crayon mixture is poured into molds and left to cool, the crayons are removed from the molds, labeled with brand names and colors, and then packaged into sets for distribution.
5. Crayons contribute to nurturing creativity and imagination in children by providing them with a versatile tool for artistic expression and storytelling.

