Simplification (Based on cones in human eye): White light is made up of Red, Green, and Blue Light. R + B + G = White

Developed by STEMAZing intern Sarah Bosch based on a lesson idea shared by TUSD PreK teacher Margarita Villanueva

Mixing Primary Paint Colors

RED reflected by both.

BLUE and GREEN absorbed.

GREEN reflected by both.

RED and BLUE absorbed.

BLUE reflected by both.

RED and GREEN absorbed.

GREEN

RED

BLUE

REFLECTS

Red

Green

ABSORBS

Blue

REFLECTS

Red

Green

ABSORBS

Blue

REFLECTS

Red

Blue

ABSORBS

Green

REFLECTS

Red

Blue

ABSORBS

Green

REFLECTS

Green

Blue

ABSORBS

Red

REFLECTS

Green

Blue

ABSORBS

Red

YELLOW

YELLOW

MAGENTA

MAGENTA

CYAN

CYAN

=

+

=

+

=

+