

Meet a Scientist: Amber Whatley

Meet Amber Whatley! She is a **lighting designer**.

Imagine a concert without any lights.
Imagine a TV show without any lights.
Imagine a play without any lights.

We need light to see. Without light, no one could watch a concert, watch TV, or watch a play!



What does Amber do as a lighting designer?

She uses her expertise to create "the look" for events like concerts, plays, TV sets, movie sets, and more! Amber is an expert in light and knows how to **design** spaces.

Amber uses lights in creative ways. She wants people watching her events to *feel* a certain way. For example, she might use bright, fast-moving lights for a concert that has fast, happy songs.

What kind of lighting do you think Amber might use for a slow, sad song?

What was Amber's childhood like?

Amber grew up in Alabama. She loved science and she loved the arts. Amber was part of the theater and band program at her elementary school. She played the clarinet.

While she was onstage performing in plays, Amber loved the twinkling lights. She soon learned that there were people backstage controlling the lights. Amber decided that **designing with light** was the job for her!



The top and bottom picture show the same kitchen. Do you see a difference in the **lighting** of the two pictures?