

# TEACHER RESOURCE GUIDE



## ABOUT THE SERIES

Join Mister C as he explores the amazing world of STEM careers! WunderSTEM is a media series committed to STEM careers and STEM exploration. While intended for students in Grades 3-8, it's also useful for students in the higher grades. Each episode highlights real-life STEM in our community and models the importance of STEM and how it shapes our world.

WunderSTEM puts learners in the driver's seat and allows them to experience the day in the life of a STEM professional. Each episode allows students to experience and connect with amazing careers and the fantastic STEM professionals who transform our communities with their work!

## ABOUT MISTER C

Mister C is not your ordinary educator! He is a 20+ year education veteran and has spent time as a classroom teacher, principal, curriculum specialist and district administrator.

His specialty is inspiring and engaging learners of all ages using video, music and live presentations. Mister C works to make learning fun for everyone!

Millions of learners have had the opportunity to enjoy learning to a different beat with silly songs, exciting experiments and dazzling demonstrations. Whether you're following along with Mister C in DIY Science Time or you're going on a WUNDERful adventure, Mister C's high-energy and infectious positive attitude will have you out of your seats, and having fun learning together!



## THE MISSION

### **Illustrate STEM in our Community**

Highlight STEM role models for our most impressionable learners.

### **Showcase Pathways to Careers**

Create clear connections between students' curriculum and potential careers that act as a pathway for workforce development.

**Encourage Learning across Contexts** Increase confidence for parents and students in exploring STEM beyond the classroom.

## CURRICULUM OVERVIEW

WunderSTEM takes students and learners on an adventure in each episode. Mister C loves to learn new things with his science crew! That's why he always has the WunderSTEM hotline available for his crew to reach out and ask questions.

Once a call comes through, Mister C heads on-site to learn about this new career and works with the STEM professional to learn about their job and how it's connected to STEM! The goal of the program is to inform students about possible careers that they may be interested in.

## INTERVIEW A PROFESSIONAL

Once students have watched an episode, have them identify another career that could be related to that specific episode. If possible, allow them to schedule an interview a friend or family member about their job and ask the the following questions to learn more about how they use STEM each and everyday:

Does your job use Science? If so, how?

Do you get to use technology while you're at work? What kind?

Do you ever have to engineer things at work? If so, what have you built, designed, or tested?

Do you use math to do your job? If so, how do you use it?

Here are some additional questions to ask:

How much money do you earn at your job?

What's your favorite part of the job?

Do you use any cool tools at work? If so, what tools do you use?

How long have you been working at this job?

Did you go to college to learn about this job, or did you go to trade school?

