Music and Sound Lab

| Virtual Program Description |

Meet the Guitar

Marketing Description: Is your guitar gathering dust in a closet? Looking for a place to start? Join us for an introduction to the guitar. Explore the history behind the instrument, discover how to best care for your guitar, learn chords and strumming patterns, and start your guitar journey!

Length: 45-60 minutes

Ages: 8 and above

Description: Participants will start the class by being introduced to their guitars and its history. Then, moving through diagrams where they will label each component and learn what function it provides. Next, they will explore tuning and the upkeep a guitar requires. Once these basics are achieved participants will dive into strumming and chords. And by the end of the lesson they will be able to read tabs, strumming patterns, and play strumming with chords. Proficient classes will start learning songs.

*Instrument Required

Aligns with the following Colorado Standards for Music

3rd grade: 1.1, 2.1, 3.1

4th grade: 1.3, 2.1

5th grade: 1.1, 1.2, 1.3, 3.2, 4.1

Meet the Ukulele

Marketing Description: Is your ukulele gathering dust in a closet? Looking for a new outlook on the instrument? Join us for a ukmazing time in a basic introduction in to the Ukulele. Explore the history behind the instrument. Discover how to care and upkeep your Uke and learn chords, strumming patterns, and songs. Uke can do it!

Length: 45-60 minutes

Ages: 6 and above
Description: Participants will start the class by being introduced to their ukes by learning its history. Then move through diagrams where they will label each component and learn what function it provides. Next, they will explore tuning and the upkeep a ukulele requires. Once these basics are achieved participants will dive into strumming and chords. And by the end of the lesson they will be able to read tabs, strumming patterns, and place strumming with chords. Proficient classes will start learning songs.

*Instrument Required

Aligns with the following Colorado Standards

1th grade: 1.1, 1.2, 1.3, 2.1, 3.1, 3.2, 4.1, 4.2

2th grade: 1.1, 1.2, 1.3, 2.1, 3.1, 3.2, 4.1

3th grade: 2.1, 3.2, 4.2

Sound FX: The Art of Foley

Marketing Description: KaBoom! Zing! Clank. Screeeeech... Join FCMoD as we explore Foley Art – the art of adding sound to post-production cinema. Learn about the history of sound in film, and discover what tools are used to create the *pew pew* of laser blasters, the *clip-clap* of horse hooves, and the simple background noise of everyday life. Get ready for hands-on exploration of how a variety of sounds are made by foley artists while you build your very own sound-creation tool kit!

Length: 45-60 minutes

Ages: 6 and above

Description: Participants will learn what foley art is (the art of adding sound to film). Explore the time of silent film and the emergence of film with sound. Discover the father of foley art, Jack Foley, and how he recorded over 5000 miles of footsteps in his career. Participants will create their own Foley Art Sound Kit and discover how classic sounds are made from the Star Wars laser blast, Tyrannosaurs Rex’s roar in Jurassic Park, and even the simple sound of a human heartbeat.

*Materials Required
Sound Detectives

*Marketing Description:* Sound is all around us. We hear it every day but have you ever asked yourself just what is sound? Join us for an exploration into all things sound. Together we will discover the secrets sound holds.

*Length:* 45-60 minutes

*Ages:* 6-8

*Description:* Students will first be introduced to the scientific method and how scientists use it to explore aspects of our world. By stepping into the shoes of a scientist they will explore sound using this newly found skill. They will create a hypothesis for what sound is. By running three experiments/investigations and gathering data/observations they will prove or disprove their hypothesis.

Investigation 1: What Causes Sound?

Investigation 2: Can sound Moves Things?

Investigation 3: What Materials can Sound Move Through?

Once all the investigations are completed the class will discuss their findings and determine whether their hypothesis was correct or not.

*Materials are required

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Inner Workings of the Human Ear

*Marketing Description:* Lend an ear! Join us in learning about the inner workings of the human ear; from how our ears process sound using the smallest bones in the body to helping us maintain balance. Don’t be hard of hearing! Join FCMoD staff on Zoom and learn just how amazing our ears are.

*Length:* 45-60 minutes

*Ages:* 6-8

*Description:* With hands on activities, color work sheet, and diagrams participants will learn how our ears work, the different components within our ear, and what is the best way to keep our ears healthy.

*Materials Required
**Music Therapy Workshop**

Marketing Description: Music Therapy? What is that?! Join FCMoD as we take a closer look into this amazing tool for bettering our mental health. Learn about the history, techniques, and benefits Music Therapy has to offer. Experience firsthand what music therapy is.

Length: 1 hour

Ages: 8 and above

Description: This workshop introduces participants to Music Therapy and the benefits it may have on one’s life. Start with explore just what is Music Therapy, how it started and grew through the decades, and what it takes to become a Music Therapist. Work through real Therapeutic Music Experiences with a real Music Therapist. Participants will walk away knowing how music can help to form new pathways within the brain to help facilitate speech. And so much more.