

Arts and Culture Access Funding Lesson Plan Cover Sheet

Prepared by: United Arts of Central Florida



Instructions: Please complete this form and attach as the cover sheet for any lesson plans created and submitted for the Arts and Culture Access Funding program. Lesson plans submitted without this cover sheet will not be reviewed for approval. Any questions or concerns regarding lesson plan submission should be directed to ivan@unitedarts.cc.

School Year	2021- 2022
Organization Name:	Art & History Museums of Maitland
Approved program <i>(as listed in your approved programs notification)</i>	Pending
Title of Program <i>(if different from above)</i>	Circuits, Connectivity, Communication
Type of Lesson <i>(please indicate when this program would complement the educator's lesson)</i>	Check all that apply: <input type="checkbox"/> Pre-lesson (is this meant to introduce students to the topic) <input checked="" type="checkbox"/> During the lesson (is this meant to affirm understanding) <input type="checkbox"/> Post-lesson (is this meant to review or assess knowledge)
Length of Lesson	1 Class Period
Grade Level(s):	6-8

Objectives: *All statements should begin with "Students will..."*
 Students will gain a basic understanding of circuitry and the components that need to come together in order to make a simple circuit work. Students will have opportunities to collaborate with peers while also troubleshooting on their own. Students will learn history of communication.

Standards/Benchmarks: *Please include the related standards and benchmarks as listed on CPALMS. All standards listed must correlate to Florida standards. Be sure to note both codes and description (e.g.: Enduring Understanding 1 TH.3.C.1 : Cognition and reflection are required to appreciate, interpret, and create with artistic intent.)*

CTE-TECED.68.ELCTEC.02.03:Constructphysicalelectricalcircuitsbaseduponcircuitdiagrams.
 CTE-TECED.68.ELCTEC.02.07:Determinethevalueofafixedresistorbaseduponthecolorcodesonthoseresistors.
 CTE-TECED.68.ELCTEC.05.05:Demonstrateelectroniccomponentassembly.
 CTE-TECED.68.COMTEC.04.01:Explainhowtocode,transmit,andreceivemessagesusingelectronicdevices.
 CTE-TECED.68.COMTEC.04.03:Defineandexplaintheuseoftelecommunicationsineverydaylife.
 CTE-TECED.68.COMTEC.04.04:Utilizeatelecommunicationsdevicetotransmitandreceiveanelectronicmessage.
 SC.68.CS-CC.1.1:Demonstrateanabilitytocommunicateappropriatelythroughvariousonlinetools.
 LAFS.68.RST.1.3

Materials provided by vendor: <i>What supplies do you need to have on your end?</i>	School-based equipment/materials: <i>Be sure to ask for this in advance.</i>
1 Breadboard 1 2AA Battery Holder 2 AA Batteries 3 Resistors - 330v 3 LEDs	Projector or Smart board Document Camera

Submitted by:

Approved by:

Organization Representative (please sign)

United Arts Staff Person (please sign)