

Makey Makey Lesson Ideas

Lesson 1:

Objective: explore with coding and sound; electrical circuits can make sound;

Materials:

- Makey makey
- Laptops
- Supplies that conducts electricity: Play doh, Paperclips, Fruit, Electrical tape, Spoons
- Supplies that won't conduct electricity: Straws, Cardboard, Plastic spoons, Ketchup pouches, pencils
- Worksheet to fill in and report their findings
- makeymakey.com/piano
- Worksheet to organize what worked and what didn't (include a what if)

Activity:

1. Set up a 4-5 makey makey stations with makeymakey.com/piano.
 2. Whole group demonstration to get them started.
 3. Have at each station a bag of materials for kids to explore.
 4. Have a worksheet for kids to organize their thoughts about what worked and what didn't.
 5. Have the kids come up with a "What if test".
 6. If there is time, share with each other their "what if".
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Lesson 2:

Objective: high to low sounds; exploration of sound; exploration with code

Materials:

- Makey makey
- Laptops
- Supplies that conducts electricity: Play doh, Paperclips, Fruit, Electrical tape, Spoons
- Supplies that won't conduct electricity: Straws, Cardboard, Plastic spoons, Ketchup pouches, pencils

Activity:

1. T creates a classroom login with script i.e. westmoormusic or meadowbrookmusic
2. T makes a Makey makey script (pentatonic or 5 note scale)
3. Kids task is to pick a conductive object and attach to makey makey
4. Order objects from lowest to highest
5. Perform a handful of songs OR create your own song