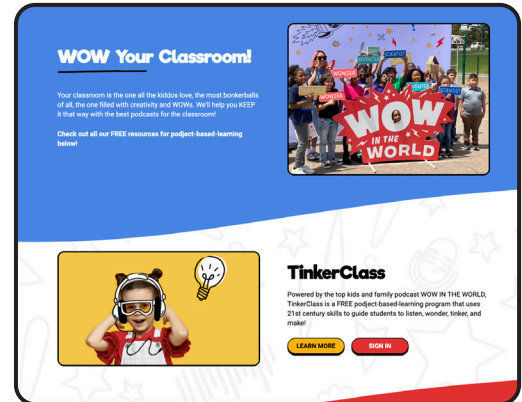


Preparing to Use TinkerCast

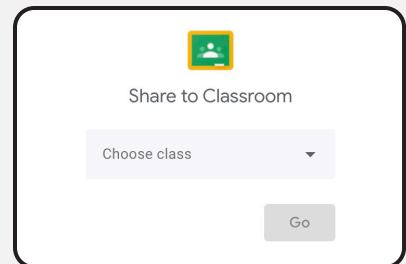
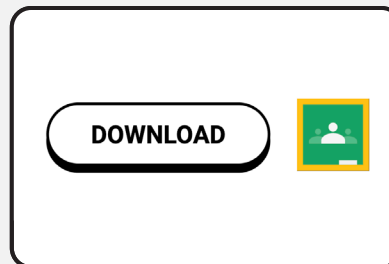
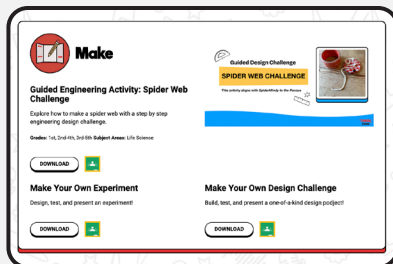
Familiarizing Yourself

Prior to using TinkerClass with students, we recommend that you spend some time exploring the tool yourself. We also recommend that you take a look at the TinkerClass resources which can be found on the For Teachers page.



Assigning TinkerClass

TinkerClass was designed with all teachers in mind — those with limited planning time, those who love to customize everything under the sun, those with little exposure to PBL and those who are science specialists. Use our Guided and Make Your Own Activities as is, or customize them to suit your needs.



Readying Devices

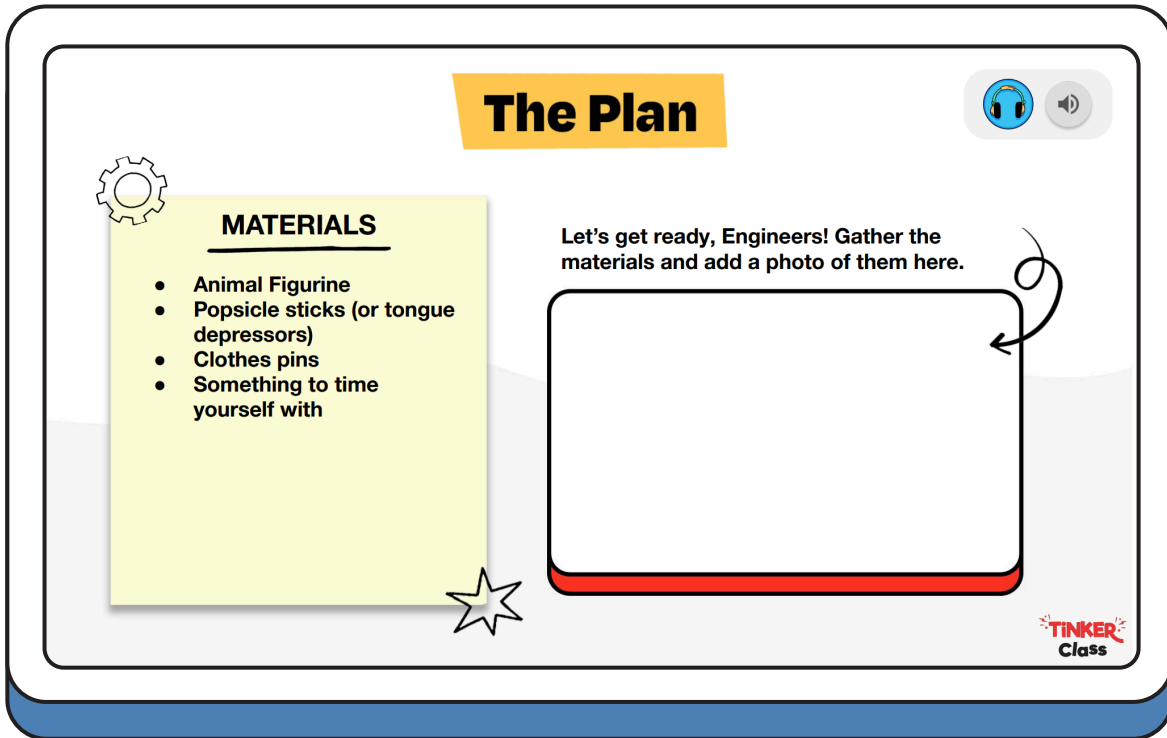
TinkerClass is a web-based program that works on all internet browsers and is best suited to be used with tablets or computers. How many devices you need will depend on how you plan to have students grouped and how you want them working. We recommend that you have available:

- a class set of tablets or computers with no more than 2 children sharing a device
- a class set of headphones, particularly for LISTEN

Prior to using TinkerClass with students, we recommend that you launch it on whatever device(s) will be used so that it is ready the day of. If headphones will be used, they should also be tested prior to use.

Gathering & Organizing Materials

Guided Activities always include a list of materials that will be needed. We recommend previewing that list and making sure you have those items on hand.



Make Your Own Activities will also require materials, but it is up to the student(s) to decide on the materials they will use. We suggest setting up a tinkering area in your classroom where all sorts of materials are stored and made accessible to students.

Here is a simple list of suggested materials to get you started.

- empty bottles & bottle caps
- empty yogurt, applesauce or pudding cups
- plastic & paper cups
- cardboard tubes
- wheels of any kind
- white paper, construction paper
- empty cereal boxes or any other cardboard food packaging
- packing supplies such as foam, bubble wrap, packing peanuts
- rubber bands
- yarn, string, twine
- tape, tape, and more tape
- liquid glue, glue sticks, hot glue guns
- markers, colored pencils, crayons, etc.
- paint, paint pens, watercolors
- scissors, hole punches