

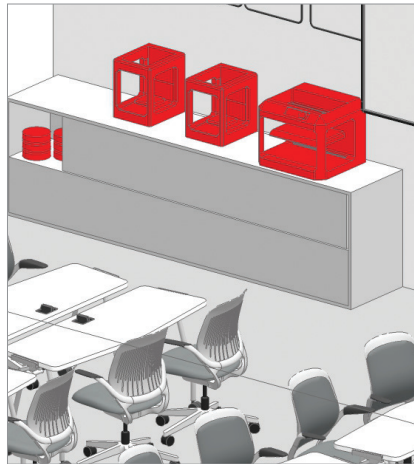


PREPARE YOUR CLASSROOM

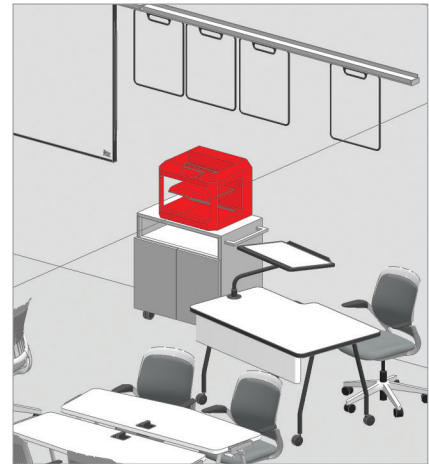
Your MakerBot Replicator+ is versatile and can be used almost anywhere in the classroom. With that in mind, the placement of your printer(s) can have an impact on its use as well as its performance. 3D printers are best used in a relatively temperature stable environment, where there are no frequent gusts of wind, dust, water, or temperature changes.



MakerSpace Setup: Students work side by side with their printers and peers for enhanced collaborative learning.



General Printing Area: Offers students a dedicated space to house communal printers.

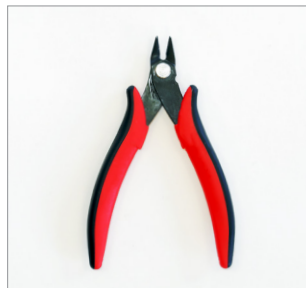


Instructor's Printer: Allow students to follow detailed instructions as they prepare for their printing experience.

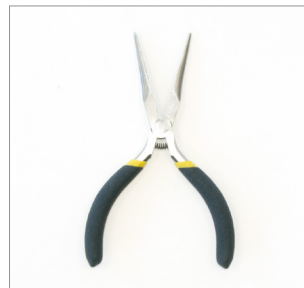
SUGGESTED 3D PRINTING TOOLS AND SUPPLIES



USB STICK
stores and organizes print files and documents



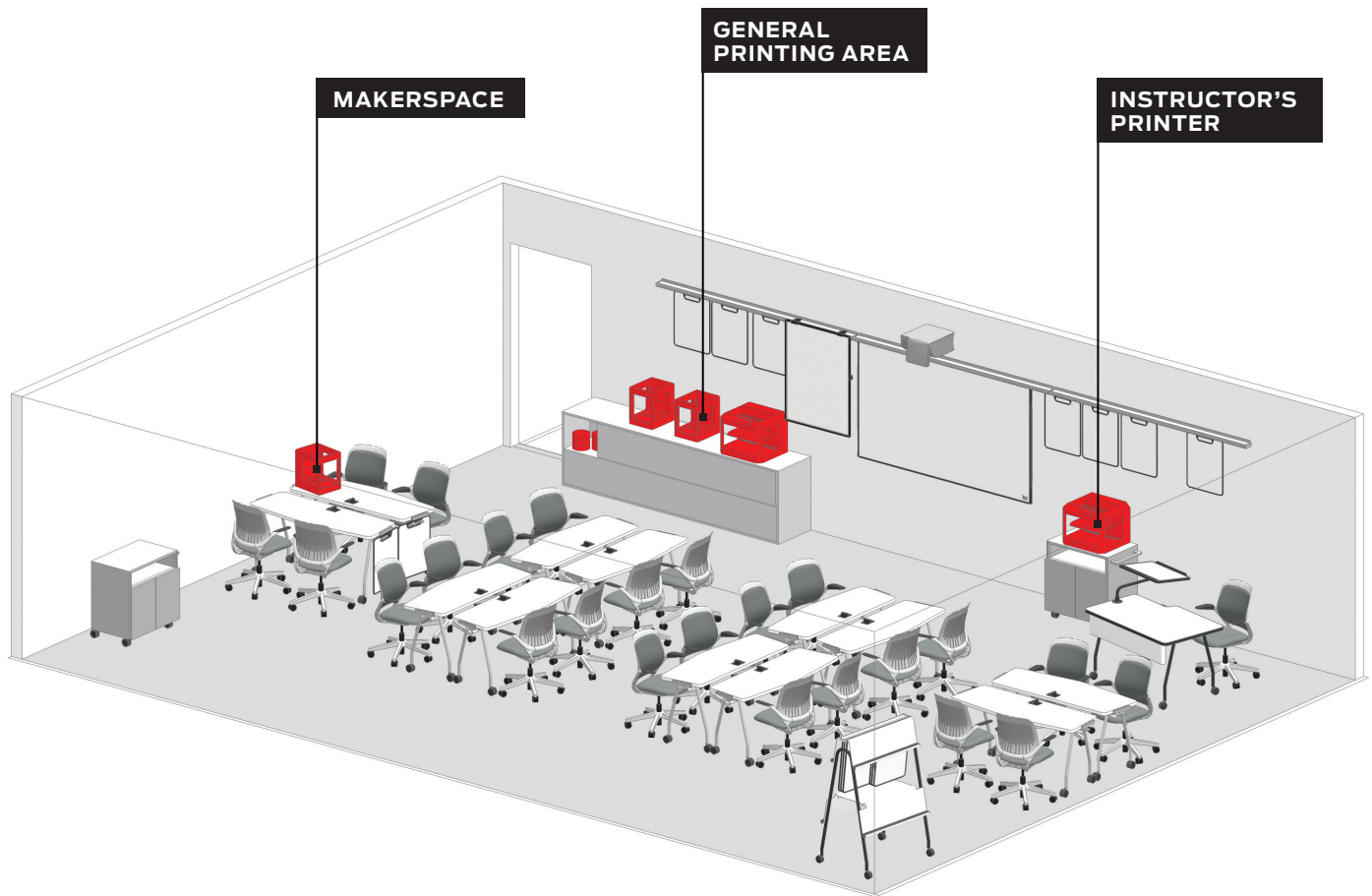
FLUSH CUTTERS
removes support material



NEEDLE NOSE PLIERS
removes support material



CRAFT SPATULA
removes prints from the build plate



PROS AND CONS OF PRINTER PLACEMENT IN YOUR SCHOOL

IN THE CLASSROOM:

Pros: Allows for lots of student interaction, hands-on time, and printing in class

Cons: Lessens access to the rest of the school

IN A COMMUNAL SPACE:

Pros: Ensures visibility, encourages more student, faculty, and staff use

Cons: Makes it more difficult to print during class



DO'S

- › Place your 3D printer on a stable surface
- › Have a small workspace near your printer
- › Keep print tools handy
- › Store filament in a cool, dry location, ideally in its original packaging



DON'TS

- › Place your 3D printer near air conditioning
- › Store filament and extra Smart Extruder+'s in unsecure areas