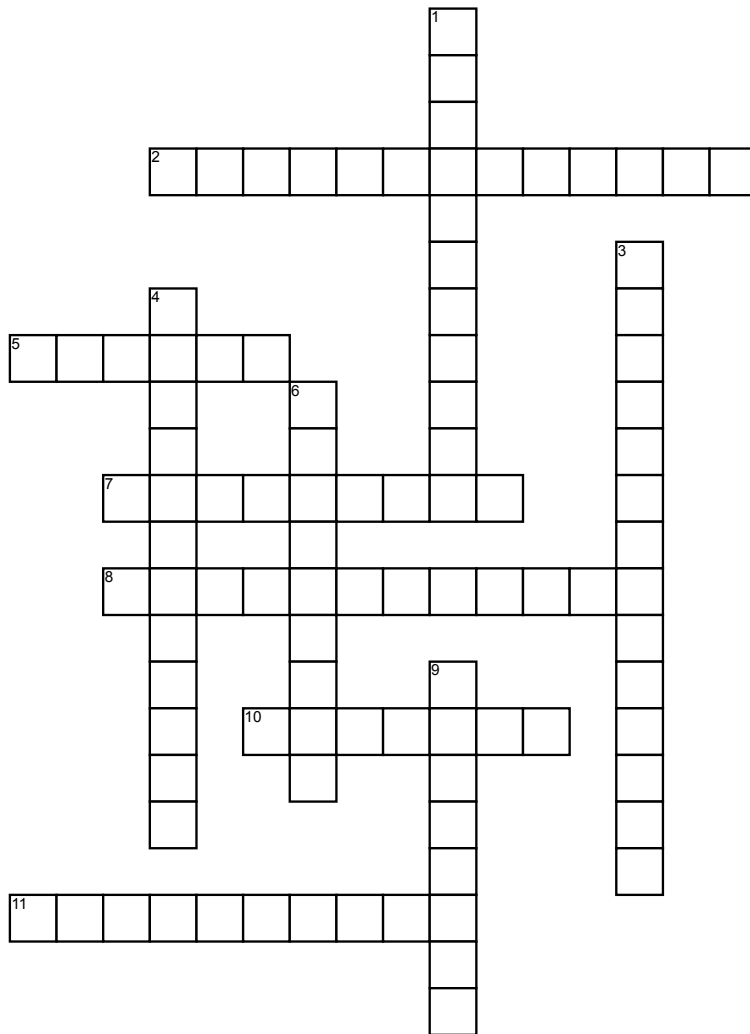


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Basic Additive Manufacturing Terms (Do not include space for answers with two words)



**Across**

- 2. The surface where the part is built and supported
- 5. Designed to be used directly by a consumer or directly in another manufactured product
- 7. General name of the machine used to create the actual prints
- 8. Parts are created here. It is the actual enclosed location
- 10. A file that represents models as a series of interconnected triangles

- 11. This is typically located in the build chamber or build platform. Its the possible area for the parts to be made

**Down**

- 1. The volume available in machine for creating the part
- 3. Adjustable variable that controls an aspect of an AM process
- 4. This is where the material is added. This can be the build surface or the previous layers of material
- 6. Time it takes to build a part
- 9. Thin strand of material

**Word Bank**

- |                |              |            |                 |
|----------------|--------------|------------|-----------------|
| Build Surface  | Build Volume | Filament   | Build Parameter |
| STL File       | Build Rate   | End Use    | Build Chamber   |
| Build Platform | Build Space  | 3D printer |                 |