

## Slow, Inaccessible, or Lagging Gameplay (Chromebooks)

For those experiencing particularly slow load times for TableTopia or even receiving an “exception error”, we’ve been working with your district IT team and the TableTopia support team to find immediate solutions to help out as best we can.

These steps have been vetted by the district’s IT team. Try it yourself first, then have your students follow along.

### Close unnecessary tabs or programs before loading any 3D game.

If you are the primary owner and can access a different browser, use Firefox instead of Chrome. Otherwise, continue below.

### CHROME://SETTINGS

1. Open Chrome. In the address bar, type CHROME://SETTINGS
2. Then expand ADDITIONAL SETTINGS at the bottom
3. Then scroll down to the SYSTEM section and enable USE HARDWARE ACCELERATION (if available), then restart Chrome.

### CHROME://FLAGS

1. Open Chrome. In the address bar, type CHROME://FLAGS
2. Find and enable WEBGL DRAFT EXTENSIONS, then restart Chrome.

### Open one of the 3D games

1. If it’s working acceptably, you are all set. If it’s still not quite right,
  1. Open Chrome. In the address bar, type CHROME://FLAGS
  2. This time find OVERRIDE SOFTWARE RENDERING LIST
  3. Toggle the setting. If enabled, disable. If disabled, enable.
  4. Restart Chrome and retry one of the 3D games.