Name: ______________________

Create a Chemistry App

Objective
You will create an easy-to-use and visually appealing app that conveys valuable chemistry information.

Materials
You will need a Google account and a computer or Chromebook with internet access.

Safety
Never share any personal information in your Google spreadsheet. Anything in the spreadsheet will appear in the app and be openly available on the internet. This includes information like your name, location, and school.

Procedure

Part 1:
1. Your teacher has discussed possible topics for your app. Talk to your group and decide which topic to pursue, or ask for your teacher’s approval on a new chemistry topic.
2. One student per group should create a “Chemistry App” Google Sheets spreadsheet in their Google Drive account. They should share this spreadsheet with all group members and the teacher.
3. Decide what information needs to be added for a useful and interesting app. Make a list of this information.
4. Create column headings for this information. For example, if you are creating an app about elements, create column headings like "Element Name", "Element Symbol", Atomic Number", "Atomic Mass", “Image”, and “Video”.
5. All members of the group can open the spreadsheet on different devices and concurrently add information to the rows. Divide the work in an equitable manner so that everyone contributes.

Part 2:
1. One member of the group should navigate to Glideapps.com.
2. Sign up for Glideapps using the same Google account that your group used to create the spreadsheet.
3. Select "New App".
4. Link the "Chemistry App" Google Sheet to the Glideapps website.
5. Customize the appearance of the app in Glideapps.
6. Customize the entries in the spreadsheet as needed.
7. Go back and forth between editing the spreadsheet and adjusting the settings in Glideapps until you are satisfied with your app.

Part 3:
1. At the bottom left of the Glideapps screen, select "Share app". This will give you the option of looking at the app on a computer/Chromebook, or copying a link to your app.
2. Copy the link into an email and send it to your teacher and every team member, or paste the link into a Google spreadsheet shared with your teacher and the whole class.
3. When the link is opened on an Android device, it will give you the option of installing the app. On other devices, the app will open in a browser.