Zero Point Unit (ZPU) -> Energy

Assembler – Materials + Energy -> Items

Fabricator – Energy + Energy -> Materials

GitHub Pages (free hosting for websites)

Electron App (Allows offline HTML)

ORDER:

BigFloat

Does BigFloat work with denormalized numbers?

What’s the largest number I could have with BigFloat?

Maybe use a bigint for exp instead? What’s the max other functions like log could produce if I use bigint? Would it actually be worth it? Is there a work around to make those limiting calculations work?

String equations  
From string to equation tree to function.  
variable dictionary with all available variables with their name in the string as the key.

Possible to use an enum for names in some way with an array instead of dict?

Make equations/equationfunctions dependent variables based on their equation string.

Stage select ui

Stage bonus manager

Stage data saving

Z dollar sign

Revisit line expanded rect intersection. Should be able to check for collision, then use time at intercection with the block position to find the position of intercect and if it’s a corner/strait edge.  
Expanded rect only works for edge collisions. Corners will give false positives. When getting a hit, need to check if outside edge ranges. If so, check for a corner collision using distance to corner. (See Desmos graph: [Circle - grid collisions](https://www.desmos.com/calculator/jwvywlg64u))

Save next collision. When checking collisions, save next collision, and just count down towards it based on time. Save time to collision and which block or wall.