

Angelie and I were working on this document to help us figure out what the Collusia engineers did wrong as they created their supersuits. We didn't have time to use it or look at their failures - we've been busy keeping them from kidnapping more kids! And maybe this document can help you. We're counting on you. Good luck!

THE ENGINEERING DESIGN PROCESS

ASK + IMAGINE

(SOMETIMES CALLED "DEFINE" OR "DEFINE THE PROBLEM")

- Did the engineers ask the users about their needs?
- Did the engineers use those needs to define the problem the suit should solve?

PLAN + CREATE

(SOMETIMES CALLED "DEVELOP" OR "DEVELOP A SOLUTION")

- Did the engineers plan the suit with the right materials?
- Did the engineers have a diverse team working together?
- Did the engineers create a model, or prototype, of their design and test it?

IMPROVE

(SOMETIMES CALLED "OPTIMIZE" OR "OPTIMIZE THE SOLUTION")

- Did the engineers improve their design after testing it or getting user feedback?