Design a DIY Biology Project Class Materials - Splash 2022

Class outline and slides:
https://docs.google.com/presentation/d/1P0ltBV6BYnad98J4JGC8qPdxlBeCJD0nb0v1QY7-uNs/edit#slide=id.p
https://docs.google.com/document/d/1z2KubQonXWf7KdHaarZqQby1_KEQu0z0IqQ56PAFGpE/edit

Benchling notebook for our project:
All project files and sequences - https://benchling.com/sashamonkey/f_/vvvufxJ8-splash-2022/
Notes in Benchling -
https://benchling.com/sashamonkey/f/lib_vvvufxJ8-example-project/etr_5sjrtldy-diy-biology-project-splash-2022/edit

Finally, I wanted to share some follow up on topics we didn't have time to cover in as much detail:

A great guide about plasmids from Addgene with info about how to adapt the methods for projects in mammalian/human cells
https://cdn2.hubspot.net/hubfs/306096/Plasmids%20101%203rd%20Edition/2020_04_27_plasmids1013rdEditionSemifinal_2018%20Links%20Update.pdf?hsCtaTracking=d068532b-546d-4170-af8b-827fbd0e7325%7C9c4aeb14-a164-4736-829e-048f070d6576

More about PCR (Polymerase Chain Reaction) -
https://www.khanacademy.org/science/biology/biotech-dna-technology/dna-sequencing-pcr-electrophoresis/a/polymerase-chain-reaction-pcr