Set of all postlab questions (For reference)

**Section 1: Design tips presentation**

**Are there any themes that a lot of good designs have in common?**

**Section 2.1: Cam**

Step 4.

**Do you notice anything different about how the two followers move and react to the cams?**

Step 5.

**Do you notice any key differences?**

**How do you think such design choices may affect the operation?**

**Section 2.2: Crank Rocker**

**How does each crank feel?**

**What are the primary differences between 2.2a and 2.2b?**

**How do these differences impact the performance of the crank?**

**Section 2.3: Gear Train**

**How does each gear train feel?**

**What are the primary differences between 2.3a and 2.3b?**

**How do these differences impact the performance of the gear train?**

**Section 2.4: Crank-Slider**

**How does each gear slider feel?**

**What are the primary differences between 2.4a and 2.4b?**

**How do these differences impact the performance of the slider?**

**Delrin, the white plastic, is known for being a low friction material. What might this be useful for?**

**Section 2.5: Boxes and Joinery**

Step 1:

**How many degrees of freedom are there in this system?**

Step 2:

**How many sets of holes can accommodate this link?**

**Does it wobble around or sit securely?**

**How many degrees of freedom does this system have?**

**In what scenarios might this type of fitting be useful?**

Step 3:

**List an advantage and disadvantage for each method.**