

■ Toothbrush Design Brief - Optional Scaffold

NAME _____ DATE _____ PERIOD _____

Choose one fictional user

Use this only when FYF pp. 72-73 are unavailable or an access scaffold is needed. The assigned workbook is the default writing surface.

Oral rehearsal: "My user needs __, *so I will design* __."

Word bank: **bristles / cerdas • handle / mango • grip / agarre • feature / característica • reach / alcanzar**

- ☐ Young child learning to brush
- ☐ Person with limited grip strength
- ☐ Student with braces

The user's main need: _____

Fixed design facts

- Soft bristles are the standard starting point for most users.
- The head needs to reach the tooth surfaces the user must clean.
- The handle needs to be comfortable and controllable for that user.
- A timer, grip texture, or visual cue can support the routine, but the feature must match the need.

Most important fact for my user: _____

Plan four parts

PART	MY CHOICE	HOW IT HELPS THE USER
Bristles		
Head		
Handle		
Added feature		

Draw and label the prototype



Explanation frame: “I chose _ ***because it helps the user*** _.”

Done when

- ☐ I labeled bristles, head, handle, and one added feature.
- ☐ Each feature connects to the chosen user's need.
- ☐ My explanation uses one fixed design fact.
- ☐ I revised one label or explanation after feedback.