

2-Finger Scrub Gesture

Action

- The **scrub gesture** is primarily used to **close a popup menu**.
- It can also perform the **‘Back’ action**, allowing users to return to the previous page, similar to activating the Back button.

Why Is The Scrub Gesture Important?

- When a **popup menu** appears, it overlays the current page, covering only part of the screen.
- Without VoiceOver, users can simply tap outside the menu to close it, but for blind or low-vision users, finding the right place to tap can be difficult.
- Some menus have an X button which requires knowing where the button is and navigating to it. If the app is designed correctly, the scrub gesture can close any menu.
- The scrub gesture works anywhere on the screen, instantly closing the menu.

Prerequisites

- 2-finger swipe up
- 2-finger swipe down

Warm up Activities

- Not applicable.

Physical Gesture

- Keep two fingers relaxed, slightly apart, and bent.
- Move the fingers back and forth rapidly several times.
- The motion should be small and quick, covering about 1 inch or 2.5 cm.

Modification

- Imagine drawing a lower case “z” on the screen.
- Pretend to scrub/erase the popup menu.

Common Issue

- **Gesture not recognized**
 - **Cause:** Slow movement.
 - **Fix:** The back-and-forth movement should be quick and continuous!

Lessons

Lesson 1: 2-Finger Scrub

- **Goal:** Learn to perform a 2-finger scrub gesture.
- **Screen Layout:**
 - A large smile with dirty teeth is displayed in the center of the screen.
- **Breakdown:**
 - The child performs a 2-finger scrub gesture anywhere on screen to brush the teeth.
 - Each scrub makes the teeth progressively whiter.
 - After three scrubs, the teeth will be sparking clean, completing the lesson.

This structured approach ensures children develop efficient menu navigation and intuitive VoiceOver controls, while practicing the scrub gesture.