

Quickstart guide: Observations

M2 captures classroom interactions through audio and video recordings, generating interactive transcripts and real-time feedback that help both teachers and administrators focus on what matters most: student learning.



Hardware setup

- Turn on M2 device
- Connect to WiFi
- Allow for updates



Setting up an observation session

Start New Session on M2 device

- Select "Start" on M2 device screen

Label your Activity

- Tap Activity to customize activity and add Activity Name (look for the sliding bars icon  next to the activity at the top of M2), e.g., "Ms. Johnson 3rd Period Math Observation"
- Use clear, descriptive names for easy identification
- Include teacher name, subject, period, or grade level
- This helps organize and find observations later in dashboard

Add an Objective (optional but recommended)

Set Observation Focus (customize your session)

- Tap "Customize" or settings icon

Add specific focus areas you want M2 to listen for:

- Questioning techniques (higher-order thinking, wait time)
- Student engagement (participation patterns, response quality)
- Classroom management (transitions, behavior management)
- Specific teaching frameworks (Danielson, Marzano, 5D, etc.)
- Content-specific strategies (guided reading, math discourse)

Note for Admins:

- You can pre-load district frameworks in System Prompt section

Choose Video or Audio-Only

- Video: Captures full classroom with synchronized transcript
- Audio-Only: Records sound only, still provides transcript and insights
- Select based on teacher preference, privacy concerns, and bandwidth availability

Start Recording

- Click "Start" or close customization menu
- Recording indicator LED will show on device
- M2 begins capturing classroom audio/video



Accessing observation data

End Session

- Click "Stop" on M2 device when observation is complete
- Log in to mirrortalk.ai on computer or mobile device

Interactive transcript features

- Audio playback: Click anywhere in transcript to play audio from that exact moment
- Search function: Use search bar to find specific words, phrases, or topics
- Copy and translate: Easily copy summaries and insights for sharing or translation

Review Dashboard insights

- Engagement score (0-4 scale): Student participation and interaction levels
- Pacing score (0-4 scale): Lesson flow, timing, and transition effectiveness
- Questioning score (0-4 scale): Quality and variety of teacher questions
- Visual summaries: Key metrics, patterns, and instructional highlights
- Growth suggestions: Specific, actionable recommendations for improvement



Sharing with teachers

Option 1: Teacher self-review first (recommended)

- Teachers can access their own data through MirrorTalk login
- Encourage independent reflection before coaching conversation
- Promotes teacher ownership and reduces defensiveness
- Allows teachers to identify their own growth areas

Option 2: Admin-led review

- Share specific clips or transcript moments during coaching meetings
- Use objective data to support feedback and suggestions
- Focus on patterns and trends rather than isolated incidents

Best practice

- Combine both approaches; teacher reflection followed by collaborative coaching discussion using M2 insights.