

Brainy Mentor Pro

User Guide

Your AI-Powered Learning Companion

13 Languages

6 Teaching Modes

6 Thinking Levels

Interactive Avatar

Document Learning

Voice Input

Last Updated: December 2025

Table of Contents

1. Getting Started: Your First Learning Session
2. Screen Layout Overview
3. Meet Your AI Mentor (Avatar)
4. Languages (13 Supported)
5. Teaching Modes
6. Thinking Levels (Bloom's Taxonomy)
7. TrainAI: Learn From Your Documents
8. Memory: Learning Progress
9. Voice Input
10. Vision: Emotion-Aware Teaching
11. Troubleshooting
12. Feature Summary
13. Glossary

What is Brainy Mentor Pro?

Brainy Mentor Pro is your personal AI tutor that adapts to how you learn best. Unlike traditional learning apps, Brainy features a lifelike avatar that speaks to you, answers your questions, and guides you through any topic you want to master.

Whether you're studying for an exam, learning a new skill, or exploring a topic out of curiosity, Brainy adjusts its teaching style to match your needs. You can have a natural conversation with your mentor in any of 13 languages, upload your own study materials, and progress through different levels of understanding at your own pace.

1. Getting Started: Your First Learning Session

Here's a typical learning experience to help you understand how Brainy Mentor Pro works. In this example, you'll learn about black holes while exploring different features.

Step 1: Start Your Session

Enter your name in the top-right corner and click 'Start Learning'. The avatar will greet you and introduce itself as Brainy, your learning mentor.

Step 2: Choose Your Language (Optional)

If you prefer learning in another language, click the Language dropdown in the left panel and select from 13 languages including Spanish, French, Chinese, Arabic, and more. The avatar will confirm the switch and continue speaking in your chosen language. All buttons, labels, and responses will update automatically.

Step 3: Ask Your First Question

Type your question: 'What is a black hole?' and press Enter. The avatar will explain the concept clearly while you see the answer appear in the chat. You can also click the microphone to speak your question.

Step 4: Go Deeper with Thinking Levels

Want to understand better? Click 'Analyze' in the Thinking Level panel on the left. Brainy will say 'Switching to Analyze...' and then challenge you: 'What are the different parts of a black hole and how do they relate?' This helps you think more critically.

Step 5: Change How Brainy Teaches

Try switching the Teaching Mode in the top bar. Click 'Socratic' and Brainy will ask thought-provoking questions instead of giving direct answers: 'What do you think would happen if you fell into a black hole?'

Step 6: Test Your Understanding

Click 'Teach-Back' mode and explain the concept back to Brainy: 'A black hole is formed when a massive star collapses...' Brainy evaluates your explanation and helps fill in any gaps.

Step 7: Upload Your Own Materials (Optional)

Have study notes or documents? Toggle 'TrainAI' ON in the left panel, create a Knowledge Profile, and upload your files (PDF, Word, PowerPoint, or text). Brainy will then teach directly from your materials.

Step 8: Continue Your Learning Journey

Keep exploring! Ask follow-up questions, try different thinking levels, switch teaching modes, or change languages anytime. Brainy remembers your conversation and adapts to your learning style.

2. Screen Layout Overview

Top Bar

Element	Description
Brainy Mentor Pro logo	App name (left side)
Teaching Mode selector	Choose how Brainy teaches you (center)
User menu	Access memory, theme toggle, and logout (right)

Left Panel Controls

Control	What It Does
Language	Switch between 13 languages
Mode: Manual/Auto	Control thinking level yourself or let Brainy decide
Memory	Remember your learning progress across sessions
Avatar	Turn the speaking mentor on or off
Vision	Let Brainy see your expressions and adapt
TrainAI	Upload and learn from your own documents
Thinking Level	Choose cognitive depth (Remember to Create)

Center Area (Chat)

- Current Answer — The most recent response from Brainy
- Recent Answers — Your conversation history
- Text input — Type your questions here
- Microphone button — Click to speak instead of type

Right Side (Avatar)

- Your AI mentor — A lifelike character who speaks all responses
- Speaking indicator — Shows when the avatar is talking
- Language flag — Displays your current language

3. Meet Your AI Mentor (Avatar)

The avatar is the heart of Brainy Mentor Pro — a lifelike AI character that makes learning feel like having a personal tutor by your side.

What Your Mentor Does

- Speaks to you naturally — Every response is spoken aloud, making learning more engaging
- Answers in your language — The avatar speaks fluently in all 13 supported languages
- Asks you questions — In Socratic or Guided mode, Brainy challenges you to think deeper
- Adapts to your level — Explanations adjust based on your chosen Thinking Level
- Acknowledges changes — When you switch modes or levels, the avatar explains what's happening

How to Interact

Simply type your question (or click the microphone to speak) and the avatar will respond. You can have a natural back-and-forth conversation, ask follow-up questions, or change the teaching approach at any time. The avatar remembers your conversation context and builds on what you've discussed.

Tips for Best Experience

- Use a stable internet connection for smooth avatar responses
- The avatar may take a few seconds to initialize when you first start
- Turn on your speakers to hear the avatar speak
- You can toggle the avatar off if you prefer text-only responses

4. Languages (13 Supported)

Brainy speaks 13 languages with full support for conversation, voice input, and interface translation.

Language	Code	Notes
English	en-US	Default
Swedish	sv-SE	
German	de-DE	
Spanish	es-ES	
French	fr-FR	
Portuguese	pt-BR	
Chinese (Mandarin)	zh-CN	
Japanese	ja-JP	
Korean	ko-KR	
Italian	it-IT	
Romanian	ro-RO	
Hindi	hi-IN	
Arabic	ar-SA	Full right-to-left layout

What Changes When You Switch Languages:

- The avatar speaks in your selected language
- All buttons and labels update to your language
- Voice input recognizes your spoken language
- For Arabic: the entire screen flips to right-to-left

5. Teaching Modes

Click any mode in the top bar to change how Brainy teaches you. Each mode offers a different approach to learning.

Mode	How Brainy Teaches	Best For
Lecture	Gives clear, direct explanations	Learning new concepts quickly
Guided Discovery	Provides hints to help you discover answers	Building problem-solving skills
Socratic	Asks thought-provoking questions	Deep critical thinking
Example-Based	Shows step-by-step worked solutions	Learning procedures
Practice/Drill	Gives you problems with immediate feedback	Reinforcing skills
Teach-Back	You explain, Brainy evaluates	Verifying your understanding

6. Thinking Levels (Bloom's Taxonomy)

These six levels represent increasing cognitive complexity. Click any level to change how deeply Brainy explores the topic with you.

The Basics

Level	What It Means	Example Question
Remember	Recall facts and information	What is a black hole?
Understand	Explain in your own words	Why do black holes form?
Apply	Use knowledge in practice	How would scientists detect a black hole?

Deep Thinking

Level	What It Means	Example Question
Analyze	Break into parts, find connections	What are the parts of a black hole?
Evaluate	Judge and justify decisions	Which theory best explains black holes?
Create	Design something new	Design an experiment to study black holes

7. TrainAI: Learn From Your Documents

Upload your own study materials and have Brainy teach directly from them.

How to Use TrainAI:

1. Toggle 'TrainAI' ON in the left panel
2. Click '+ New' to create a Knowledge Profile
3. Name your profile (e.g., 'Biology Exam' or 'Project Notes')
4. Upload your documents (PDF, Word, PowerPoint, or text files)
5. Ask questions and Brainy will answer from your materials

Knowledge Modes:

Mode	How Brainy Responds
My Materials Only	Answers only from your uploaded documents
My Materials + AI	Combines your documents with general knowledge
AI Knowledge Only	Ignores your documents, uses general knowledge
Compare Sources	Shows both sources side-by-side for comparison

8. Memory: Learning Progress

When Memory is enabled, Brainy remembers your learning journey across sessions.

What Brainy Remembers:

- Learning goals you've mentioned
- Concepts you've mastered
- Misconceptions that were corrected
- Your preferred learning style

Managing Your Memory:

Click your name in the top-right corner → 'View My Learning Memory' to export or delete your data.

9. Voice Input

Speak to Brainy instead of typing — perfect for hands-free learning.

How to Use:

1. Click the microphone button next to the text input
2. Speak your question clearly
3. Click again to stop and submit

Tips:

- Match the language selector to your spoken language
- Works best in quiet environments
- Chrome browser recommended for best results

10. Vision: Emotion-Aware Teaching

Brainy can see your facial expressions and adapt its teaching accordingly.

How It Works:

- Toggle 'Vision' ON and grant camera permission
- Brainy detects: Neutral, Engaged, Focused, Frustrated, Fatigued, Upbeat, Sad
- If you look frustrated, Brainy offers encouragement
- Images are analyzed in real-time but never stored

11. Troubleshooting

Problem	Solution
Avatar not loading	Check internet connection; refresh the page
No sound from avatar	Check device volume; unmute your browser
Microphone not working	Allow microphone permission in browser settings
Wrong language recognized	Match the language selector to your spoken language
Document upload failed	Check file size (under 10MB); try a different format
Slow responses	Complex questions take longer; check your internet

12. Feature Summary

Feature	Status
13 Languages (including Arabic RTL)	Available
6 Teaching Modes	Available
6 Thinking Levels (Bloom's Taxonomy)	Available
TrainAI Document Learning	Available
Learning Memory	Available
Voice Input (all languages)	Available

Vision/Emotion Detection	Available
Interactive Avatar	Available

13. Glossary

Term	Definition
Avatar	Your AI mentor — a lifelike character that speaks responses
Bloom's Taxonomy	A framework of six cognitive levels from recall to creation
Knowledge Profile	A collection of your uploaded documents in TrainAI
Memory	System that remembers your learning progress
RTL	Right-to-left text direction (used for Arabic)
Socratic Method	Teaching through questions rather than direct answers
Teaching Mode	The style Brainy uses (Lecture, Guided, Socratic, etc.)
Thinking Level	Cognitive depth (Remember, Understand, Apply, etc.)
TrainAI	Feature for learning from your own documents
Vision	Camera-based emotion detection