

# User Testing Prompts (Complete Feature-by-Feature)

Use these specific "Teacher Prompts" to test the AI output quality, cultural context, and accuracy across every active module of SahayakAI.

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## 1. Home / Discovery ( / )

Testing: Navigation and UI consistency.

1. **Search:** "Can I find community-shared lesson plans for 'Soil Erosion'?"
2. **Language:** "Can I switch the entire interface to Marathi and back to English?"
3. **Recent Activity:** "Do my recently generated items show up on the dashboard?"
4. **Navigation:** "Does the sidebar accurately lead me to the Worksheet Wizard?"
5. **Branding:** "Does the glassmorphism effect look consistent across different screen sizes?"

## 2. Lesson Plan Generator ( /lesson-plan )

Testing: Pedagogy and Local Context.

1. **Science:** "Explain the process of Photosynthesis for Class 5 students in a rural primary school."
2. **Mathematics:** "Teach the concept of 'Money and Market' to Class 3 using only chalk and common household items."
3. **Geography:** "A 45-minute lesson on 'The Indian Monsoon' focusing on why it matters to farmers in Maharashtra."
4. **Social Studies:** "The story of India's Independence for Class 8, highlighting localized heroes from different regions."
5. **Multi-Grade:** "A combined lesson on 'Cleanliness and Hygiene' for Class 1 and Class 2 together in a single classroom."

## 3. Visual Aid Designer ( /visual-aid-designer )

Testing: Artistic style, labels, and pedagogical logic.

1. **Biology:** "Draw a detailed, labeled diagram of a Hibiscus flower (Gudhal) showing the stigma, petals, and ovary."
2. **Physics:** "Create a simple blackboard diagram showing how a hand-pump (Boring) works to pull water from the ground."
3. **Astronomy:** "A sketch of the Solar System showing the relative positions of the Earth, Moon, and Sun during a Lunar Eclipse."
4. **Botany:** "A blackboard drawing of a Mango tree seedling showing the roots, stem, and first two leaves."
5. **Chemistry:** "A simple setup of a filtration process using a cloth, a pot, and muddy water."

## 4. Quiz Generator ( /quiz-generator )

Testing: Cognitive depth, distractors, and teacher instructions.

1. **History:** "5 Multiple Choice Questions on the 'Life of Mahatma Gandhi' for Class 7 in Hindi."
2. **Environmental Science (EVS):** "A 10-question True/False quiz about 'Saving Water' with detailed explanations for why each is true or false."
3. **Advanced Science:** "3 'Hard' difficulty questions on 'Electric Circuits' focusing on Higher Order Thinking (HOTS)."

4. **Language Arts:** "A fill-in-the-blanks quiz based on a short story about an Indian festival (e.g., Pongal or Bihu)."
5. **Remedial:** "A very simple 3-question visual quiz about 'Identifying Parts of a Plant' for students struggling with the topic."

## 5. Instant Answer Bot ( /instant-answer )

*Testing: Speed, fact accuracy, and video recommendations.*

1. **Current Affairs:** "What is the significance of the Republic Day parade in India for a 10-year-old?"
2. **Quick Fact:** "Why does the Taj Mahal look yellow, and how can we protect it? Give a simple answer."
3. **Video Search:** "Show me how to make a paper airplane that flies far. (Testing for a YouTube search link)."
4. **Local Knowledge:** "Explain the importance of the 'Banyan Tree' in Indian villages for Class 4."
5. **Science Mystery:** "Why do we see rainbows after rain? Explain with a simple analogy of a shopkeeper and mirrors."

## 6. Teacher Training / AI Coach ( /teacher-training )

*Testing: Classroom management and soft skills.*

1. **Management:** "How can I handle a student who is constantly talking while I am writing on the blackboard?"
2. **Inclusion:** "How can I make my Science lesson more inclusive for a student with a mild hearing impairment?"
3. **Motivation:** "Give me 3 quick activities to re-energize students who look bored during a Math class on a hot afternoon."
4. **Communication:** "How do I explain a student's poor performance to a parent who is very sensitive or defensive?"
5. **Professionalism:** "What are the core ethics a teacher should follow while using AI in the classroom?"

## 7. Worksheet Wizard ( /worksheet-wizard )

*Testing: Content extraction and student engagement.*

1. **Comprehension:** "Create 5 fill-in-the-blank questions based on the uploaded textbook page about 'The Sun and Planets'."
2. **Creative Writing:** "Ask students to write 3 lines about their favorite character from the uploaded poem."
3. **Math focus:** "Extract the 3 word problems from this page and create 2 more similar ones for extra practice."
4. **Vocab focus:** "List 5 difficult words from this page and ask students to find their meanings in their local language."
5. **Activity-based:** "Suggest a group activity students can do in the playground based on the 'Seed Germination' chapter."

## 8. Rubric Generator ( /rubric-generator )

*Testing: Fairness and clarity in grading.*

1. **Art Project:** "Create a rubric for a Class 5 project where they have to make a model of a 'Village Market' using recycled materials."

2. **Oral Presentation:** "A rubric for grading a 2-minute speech on 'My Ambition' focusing on confidence, clarity, and content."
3. **Essay Writing:** "A simple rubric for a 100-word essay on 'Importance of Forests' for Class 6."
4. **Group Work:** "Create a rubric to grade how students worked together during a 'Science Magic Show' group activity."
5. **Handwriting:** "A basic rubric for a cursive writing assignment in Hindi for Class 2."

## 9. Virtual Field Trip ( /virtual-field-trip )

*Testing: Itinerary flow and Google Earth integration.*

1. **Heritage:** "Take my students on a tour of the 'Ajanta and Ellora Caves' to see the ancient rock-cut architecture."
2. **Nature:** "A trip to the 'Sundarbans' to learn about the mangrove ecosystem and the Bengal Tiger."
3. **Space (Meta):** "A virtual tour of ISRO's launch site (Satish Dhawan Space Centre) at Sriharikota."
4. **International:** "A trip to the 'Egyptian Pyramids' to show how ancient civilizations lived."
5. **Local Hero:** "A tour of the 'Sabarmati Ashram' to explain the life and simple living of Mahatma Gandhi."

## 10. Impact Dashboard ( /impact-dashboard )

*Testing: Data visualization and reporting.*

1. **Usage:** "How many lesson plans have I generated this month?"
2. **Subject Focus:** "Which subject (e.g., Science, Math) have I focused on most this week?"
3. **Engagement:** "Does the dashboard show how many items I've shared with the community?"
4. **Goal Tracking:** "Can I see my progress towards my 'Teacher Training' certificate?"
5. **Visuals:** "Are the charts and graphs easy to read on a mobile screen?"

## 11. My Profile / Avatar Creator ( /my-profile )

*Testing: Identity representation and photorealism.*

1. **Traditional:** Generate an avatar for: "Saraswati Devi, a veteran primary school teacher from a village in Bengal."
2. **Young Professional:** Generate an avatar for: "Rajiv Sharma, a young and enthusiastic Math teacher who loves technology."
3. **Regional Focus:** Generate an avatar for: "Meenakshi Iyer, an English teacher from Tamil Nadu who looks friendly and approachable."
4. **Creative:** Generate an avatar for: "Vikram Singh, a Physical Education teacher who looks strong and inspiring."
5. **General:** Generate an avatar for: "Anjali Gupta, a Science teacher with a warm smile for a Class 1 classroom."

## 12. Community Library ( /community-library )

*Testing: Global discovery and collaboration.*

1. **Subject Filter:** "Can I filter the community library to see only 'Class 5 Mathematics' resources?"
2. **Trending:** "Show me the top-rated lesson plans created by other teachers this week."
3. **Save to My Library:** "Can I save a colleague's worksheet to my personal collection?"
4. **Search:** "Find a virtual field trip to the 'Himalayas' shared by another teacher."
5. **Contributions:** "Does my shared content correctly display my name and profile to others?"

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## Coming Soon (Roadmap Items)

- **Video Storyteller:** Create engaging video stories from text prompts.
- **Submit Content:** Direct submission of teacher-created materials for expert review.

*[!TIP] Try mixing languages! Ask for a Lesson Plan in English but with some **"Hindi keywords"** to see how the AI adapts to a multilingual classroom.*