

Student-AI Learning Partnerships: Educator Worksheet

Instructions: Use this worksheet to reflect on your teaching practice and plan for AI integration. Work individually or discuss with colleagues.

Section 1: Understanding Your Students' Learning Needs

Your Student Population

Describe your typical students:

Age range: _____ **Subject area:** _____

Prior experience level: _____

Main learning challenges they face:

Neuroscience-Based Learning Drivers

For your students, what typically motivates learning? (Check all that apply)

- ☐ **Relevance:** "This will help me in my job/life"
- ☐ **Competence:** "I can master this skill"
- ☐ **Connection:** "This builds on what I already know"
- ☐ **Autonomy:** "I have control over my learning"
- ☐ **Social:** "This helps me connect with others"
- ☐ **Problem-solving:** "This solves real problems I face"

How could AI partnerships support these motivations?

Section 2: AI Partnership Opportunities

Learning Challenges AI Could Address

What specific learning challenges do your students face where AI partnership might help?

Challenge 1: _____ **How AI could help:**

Challenge 2: _____ **How AI could help:**

Challenge 3: _____ **How AI could help:**

AI Partnership Roles for Your Subject

Check the AI roles that could work in your teaching area:

- ☐ **Practice Partner** (role-play, conversation, skill rehearsal)
- ☐ **Tutor** (explaining concepts, answering questions, providing feedback)
- ☐ **Research Assistant** (finding information, organizing data)
- ☐ **Creative Collaborator** (brainstorming, generating ideas)
- ☐ **Feedback Provider** (reviewing work, suggesting improvements)
- ☐ **Scenario Generator** (creating case studies, problems to solve)

Most promising for your students: _____

Why: _____

Section 3: Your Evolving Instructor Role

Current Role Assessment

Rate your current comfort level (1-5 scale):

Content Expert: _____ **Learning Facilitator:** _____ **Technology Integrator:** _____ **Critical Thinking Coach:** _____

AI-Enhanced Role Planning

For each pillar, identify specific actions you could take:

1. Framing (Setting up AI partnerships) What I will do:

2. Facilitating (Guiding during AI interactions) What I will do:

3. Sense-Making (Helping students process AI experiences) What I will do:

4. Evaluating (Assessing AI-enhanced learning) What I will do:

Section 4: AI Literacy Skills for Your Students

Priority Skills Assessment

Which AI literacy skills do your students most need? (Rank 1-6)

_____ **Prompt Engineering** (asking effective questions) _____ **Critical Evaluation** (fact-checking, recognizing limitations) _____ **Integration Skills** (combining AI output with human judgment) _____ **Ethical Usage** (understanding appropriate use) _____ **Iteration Skills** (refining prompts and responses) _____ **Reflection Skills** (learning from AI interactions)

Teaching AI Literacy

How will you teach your top 3 priority skills?

Skill 1: _____ **Teaching approach:**

Skill 2: _____ **Teaching approach:**

Skill 3: _____ **Teaching approach:**

Section 5: Assignment Design

AI-Enhanced Assignment Planning

Choose one current assignment to redesign with AI partnership:

Current assignment: _____

Learning objectives: _____

AI's role in new version: _____

Student's role with AI: _____

Your role as instructor: _____

Assessment Strategy

How will you evaluate both content learning and AI partnership skills?

Content mastery evidence:

AI collaboration evidence:

Assessment methods: ☐ Traditional test/quiz ☐ Portfolio/reflection ☐ Peer evaluation ☐ AI interaction analysis ☐ Project-based assessment ☐ Other: _____

Section 6: Implementation Planning

Getting Started: Your 3-2-1 Plan

3 Questions for Reflection:

1. Learning objective where students could benefit from AI partnership:

2. AI literacy skills your students most need:

3. Your biggest concern about AI in your classroom:

How you'll address it: _____

2 Concrete Actions You'll Take:

1. _____

2. _____

1 Personal Commitment:

Timeline for Implementation

When will you start experimenting with AI partnerships?

☐ This week ☐ Next week ☐ Next month ☐ Next semester

What's your first step?

Section 7: Potential Challenges & Solutions

Anticipating Obstacles

What challenges do you anticipate? How will you address them?

Challenge: Student resistance to AI

Solution: _____

Challenge: Technical difficulties

Solution: _____

Challenge: Academic integrity concerns

Solution: _____

Challenge: Time to learn new tools

Solution: _____

Challenge: Lack of institutional support

Solution: _____

Other challenge: _____ **Solution:**

Section 8: Success Indicators

How You'll Know It's Working

What evidence will show that AI partnerships are enhancing student learning?

Student engagement indicators:

Learning outcome improvements:

Skill development evidence:

Student feedback themes:

Section 9: Professional Development Needs

Knowledge Gaps

What do you need to learn more about?

- ☐ Specific AI tools for education
- ☐ Prompt engineering techniques
- ☐ AI ethics in education
- ☐ Assessment strategies for AI-enhanced learning
- ☐ Troubleshooting AI interactions
- ☐ Other: _____

Learning Resources

How will you continue developing your AI integration skills?

- ☐ Online courses ☐ Workshops ☐ Peer collaboration
- ☐ Experimentation ☐ Reading ☐ Professional conferences

Specific resource you'll pursue: _____

Section 10: Reflection & Commitment