

AI Task Redesign Checklist

Designing Learning Experiences Where Thinking Stays Visible

Step 1: Clarify the Learning Goal

What thinking should students actually practice? What cognitive work matters most in this task?

- Analyzing
- Problem-solving
- Explaining reasoning
- Evaluating evidence
- Creating original ideas
- Reflecting or revising
- Defending claims
- Applying learning

Step 2: Analyze the Current Assignment

Could AI complete most of this task independently?

- Yes
- Partially
- No

If yes, identify what may need redesign:

- Final product only is assessed
- Minimal reasoning required
- Surface-level responses
- Limited student voice or reflection
- Focused more on completion than thinking

Step 3: Redesign for Thinking Visibility

Add opportunities for students to:

- Explain reasoning
- Defend decisions
- Compare perspectives
- Critique AI-generated responses
- Reflect on learning
- Revise thinking
- Show evidence of process

- Connect ideas to real context
- Analyze mistakes or misconceptions

Step 4: Consider Productive AI Use

AI should **support** thinking, not replace it.

AI can help students:

- Brainstorm ideas
- Generate questions
- Organize thinking
- Explore multiple perspectives
- Receive feedback
- Clarify confusion
- Practice revision

Students should **still**:

- Make decisions
- Evaluate accuracy
- Justify reasoning
- Interpret evidence
- Reflect on learning
- Create meaning

Step 5: Add Thinking Prompts

Include at least **one** reflection question:

- How did your thinking change?
- What did the AI miss?
- What evidence supports your conclusion?
- Where did you struggle?
- What decisions did you make independently?
- What part best reflects your thinking?