



# Generative AI Based Activities

## Out of Class Activity: Reflective Practice

---

### Description

Reflection helps develop students' critical thinking skills by thinking about their experience and its impact on their learning. It also helps to further encode the learning from the day, making memory recall better. Students are able to use this activity for as long as they choose to. This activity also helps save class time as the AI will be able to answer the lower level questions, leaving the high-level questions for class time.

### Objectives

- Reflection on Content Delivered
  - Student explores content as it relates to their own interests
- Reflection on How the Student Learns
  - In addition to reflection on the specific content, the learner also reflects on how they learn. This insight positively impacts their future learning increasing motivation and engagement with the material.

### Objectives AI

- Answers AI-able questions
  - Maximizes in class questions at a higher level with the instructor.
- Skill Development
  - Builds familiarity with using AI
- Citing practice
  - Builds a culture of recording and citing AI

## Out of Class Activity: Reflective Practice

---

### Steps for Activity

#### During Class

1. Instructor introduces topic in class supported by a lesson.
2. Learner participates in lesson
3. Learner is given the last 2 minutes of class to reflect and document their questions regarding the material presented in the lesson.
4. The Instructor can choose to provide lesson key words or not.

#### After Class

1. The learner prompts GenAI to adopt the persona of an expert in the material covered in the lesson. (Suggestions provided below or their own prompts)
2. The learner engages in 10 rounds of reflection with the AI.
3. At the end of the reflection cycle the learner documents any remaining questions the AI was unable to address or any new questions generated through the interaction with the AI.

#### Summative Version

1. The learner will submit the initial prompts to establish the reflection (if different from those provided) as well as the prompts and responses from the AI.

#### Beginning of the next class

1. The Instructor dedicates the start of each class to reviewing new or remaining questions from the reflection.

## Out of Class Activity: Reflective Practice

---

### Sample Prompts

"I am a student in a course at university. The subject of the course is < course subject>  
I am looking to reflect on my learning in this course and in my lesson on <lesson topic>.  
I would like you to lead me in this reflection.

Please take the role of a knowledgeable upbeat expert.

Please ask me one question at a time. Wait for an answer and then ask a subsequent question.

The questions you ask should build on the answers I provide if possible.

These questions should establish my understanding of <Specific content> and lead me to reflect on its potential impacts and uses in the field.

Please take your time, accuracy is very important here."