

Learning Theories (AI-Storyline 360)

Learning Theory / Framework	Application in the Course
Andragogy (Adult Learning Principles)	Learning activities are practical, problem-centered, and directly connected to teachers' classroom challenges, enabling immediate application
Experiential Learning (Kolb)	Learners apply the S.A.V.E. and RGRO frameworks in authentic classroom scenarios, receive feedback, and refine their decision-making through practice.
Bloom's Taxonomy	Activities progress from understanding AI concepts and frameworks to applying them in teaching scenarios and evaluating AI-generated outputs using ethical criteria.
Backward Design	Learning objectives, activities, assessments, and resources were aligned to ensure learners can apply AI strategically and responsibly in practice.

Formative Assessment & Retrieval Practice	Scenario-based questions, knowledge checks, and immediate feedback reinforce learning, support knowledge retention, and improve performance.
Situated Learning	Learning experiences are embedded in realistic classroom situations to increase relevance and support transfer to professional practice.
Scaffolded Progression:	Content progresses from foundational AI concepts to guided practice and independent application, building learner confidence over time.
Cognitive Load Theory	Content is organized into manageable chunks and supported by structured frameworks to reduce cognitive overload and improve understanding.
Active Learning Strategies	Interactive cards, drag-and-drop activities, scenario-based questions, and learner-controlled exploration promote active participation and engagement.
Performance Support	The S.A.V.E. framework, RGRO framework, and downloadable AI Ethics Checklist provide practical job aids that support transfer of learning to the workplace.
Accessibility	Accessibility best practices, including clear navigation, readable content, audio narration, and inclusive design features, were incorporated throughout the course.

Online Learning, andragogy, & Course Standards	The course follows online learning best practices through consistent navigation, chunked content, learner support, and alignment of objectives, activities, and assessments.
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Lesson outline - Story line 360

Module Title: Strategic and Ethical use of AI tools to Enhance Teaching Efficiency.

Target Audience: School Teachers (for Professional Development Module)

Time : 10-15 mins

Delivery Mode: Self paced

Authoring Tool- Storyline 360

Problem Statement:

Teachers are increasingly using AI tools without structured guidance, leading to inconsistent results, ethical concerns, and lack of instructional alignment

Solution:

This course introduces structured frameworks (S.A.V.E and RGRO) and an ethical checklist to help teachers use AI tools strategically and ethically in their classroom workflows.

Course Learning Goal & Objectives :

By the end of this course, learners will be able to use AI tools strategically and ethically to enhance teaching efficiency in daily classroom tasks while maintaining professional judgment and instructional integrity.

- Apply the S.A.V.E. workflow to evaluate AI use in classroom scenarios.

- Construct structured prompts using the RGRO framework.
- Evaluate AI-generated outputs using an ethical checklist before classroom use.

[Course flow-](#) Introduction Scenario hook → SAVE Framework → SAVE practice→ RGRO Prompting → RGRO practice→Personalize Ethical Checklist quiz→ Ethical checklist to download for classroom use → Course feedback

Lesson Outline: Learning Experience Flow

Section 1: Introduction & Scenario Hook

Slide 1.1 – Course Introduction

Content: Welcome, course overview, and learning objectives

Purpose: Set clear expectations and orient learners to the course outcomes

Interaction: Audio narration, next button

Slide 1.2 – Scenario Hook

Content: Realistic classroom scenario reflecting teacher workload challenges

Purpose: Establish relevance and engage learners by connecting with real-world context

Interaction: Click on continue to go to next slide ,Audio narration

Section 2: S.A.V.E. Workflow (Concept + Practice)

Slide 1.3 – S.A.V.E. Workflow Introduction

Content: Overview of the S.A.V.E. framework

Purpose: Introduce a structured approach for evaluating and using AI effectively

Interaction: Audio narration, next/continue button

Slide 1.4 – S.A.V.E. Interactive Cards

Content: Clickable cards explaining each component of S.A.V.E.

Purpose: Support exploratory learning and reinforce understanding of each step

Interaction: Click-to-reveal, Audio narration, next/continue button

Slide 1.5 – S.A.V.E. Scenario MCQ 1

Content: Scenario-based question with four options and feedback

Purpose: Provide immediate practice in applying the S.A.V.E. framework

Interaction: MCQ with instant feedback, audio narration, next/continue button

Slide 1.6 – S.A.V.E. Scenario MCQ 2

Content: Scenario-based question with feedback

Purpose: Reinforce application of the framework in varied contexts

Interaction: MCQ with instant feedback, Audio narration, next/continue button

Section 3: RGRO Framework (Application & Reinforcement)

Slide 1.7 – RGRO Framework Introduction

Content: Explanation of RGRO framework

Purpose: Introduce a structured method for designing effective AI prompts

Interaction: Audio narration, next/continue button

Slide 1.8 – RGRO Scenario Example

Content: Demonstration of framework use in a classroom context

Purpose: Model correct application before learner practice

Interaction: Audio narration, Click to choose the correct example

Slide 1.9 – RGRO Clickable Cards

Content: Interactive breakdown of RGRO steps

Purpose: Reinforce conceptual understanding through learner-controlled exploration

Interaction: Click-to-reveal ,Audio narration

Slide 1.10 – RGRO Sequence Activity

Content: Arrange framework steps in correct order

Purpose: Assess understanding of the structure and sequence

Interaction: Sequencing activity, Audio narration

Slide 1.11 – RGRO Drag-and-Drop Activity

Content: Match elements to correct categories

Purpose: Deepen learning through active engagement and application

Interaction: Drag-and-drop, Audio narration

Section 4: AI Ethics Checklist (Assessment & Application)

Slide 1.12 – AI Ethics Challenge Introduction

Content: Introduction to ethics checklist activity + learner name input

Purpose: Prepare learners for assessment and personalize the experience

Interaction: Audio narration, learner's name input

Slide 1.13 – 1.15 – AI Ethics Scenario Questions

Content: Scenario-based MCQs evaluating ethical decision-making

Purpose: Assess learners' ability to apply ethical considerations in AI use

Interaction: MCQs with feedback, Click on options, Audio Narration

Slide 1.16 – Results Screen

Content: Displays learner name and quiz score

Purpose: Provide performance feedback and support self-directed learning through navigation choices

Interaction: Retry Quiz → Allows learners to revisit and improve performance; Continue → Progress to course completion; Audio Narration

Section 5: Course Closure

Slide 1.17 – Course Feedback

Content: Likert scale feedback form

Purpose: Collect learner feedback to evaluate course effectiveness

Interaction: Audio narration

Slide 1.18 – Thank You & Exit

Content: Course completion message

Purpose: Provide closure and signal completion of the learning experience

Interaction: Audio narration

Resources- Downloadable AI Ethics Checklist pdf

Purpose: Support transfer of learning into real classroom practice