

The "AI squad output briefing report 3" presents a series of use scenarios for incorporating artificial intelligence (AI) into education, focusing on three main approaches:

Teaching for AI: This approach involves developing competencies for all citizens, including teachers and learners, to engage confidently, critically, and safely with AI systems. The goal is to provide knowledge, skills, and attitudes necessary for living in an AI-influenced world. It covers basic principles of interacting with AI applications, awareness of AI's role in society, understanding AI's impact on information and media literacy, and covering AI literacy and digital citizenship. The section provides practical activities and scenarios for teachers to engage students in AI topics, like:

- Basic Principles of AI
- AI's Role in Society
- Understanding AI Limits
- Digital Competence Framework
- AI Literacy and Digital Citizenship
- Ethical Considerations
- Legal Topics and AI Applications
- Exploratory Data Analysis
- Understanding Different Types of Data

Teaching with AI: This category involves the application of AI-based tools to support various aspects of learning and facilitate teachers' work. The main goal is not to understand the technology behind these tools but to leverage AI's potential to enhance teaching and learning. The section describes scenarios where AI-based tools are utilized to enhance learning and teaching, with topics like:

- Understanding AI's Capabilities and Ethical Considerations
- Incorporating AI Tools in Education
- Regular Assessment of AI Tools
- Collaboration Among Teachers

Teaching about AI: This more technical aspect focuses on training students in the fundamentals of AI, typically as part of AI literacy. It encompasses both technological and human dimensions of AI, suited to different ages. The curriculum might include specific AI topics like perception, actuation, reasoning, representation, learning, and impact. The aim is to prepare students for the labor market, requiring background knowledge in mathematics, programming, and other technical subjects. The section provides scenarios for teaching AI fundamentals from a developer's perspective, with the aim of equipping students with a strong foundation in AI from a more technical and developmental perspective:

- Introduction to AI
- Introduction to Machine Learning
- Data Collection and Organization
- AI Applications
- Social Implications and Biases of AI

