# Draft AI competency frameworks for teachers and for school students

UNESCO is currently developing **AI competency frameworks** for teachers and school students. The two frameworks will be released during Digital Learning Week 2024.

Here below the latest version of the draft AI competency frameworks for teachers and school students and the guiding principles for each

| Aspects | Progression | | |
|---|---|---|---|
| | **Acquire** | **Deepen** | **Create** |
| **Human-centred Mindset** | Human agency | Human accountability | AI social responsibility |
| **Ethics of AI** | Ethical principles | Safe and responsible use | Co-creating AI ethical rules |
| **AI Foundations & Applications** | Basic AI techniques and applications | Application skills | Creating with AI |
| **AI pedagogy** | AI-assisted teaching | AI-pedagogy integration | AI-enhanced pedagogical transformation |
| **AI for professional development** | AI enabling lifelong professional learning | AI to enhance organizational learning | AI to support professional transformation |

## AI competency framework for teachers (AI CFT)

### Guiding principles AI CFT

1. Human-AI social contract towards inclusive digital futures
2. A human-centred approach
3. Protecting teachers right and dynamically defining teachers' roles
4. Promoting trustworthy and climate-friendly AI for education
5. Ensuring applicability for all teachers and reflecting digital evolution
6. Teacher development as lifelong learning

### Guiding principles AI CFS

1. Fostering critical thinking on the proportionality of AI for the real-world challenges
2. Prioritizing competencies to make human-centred collaboration with AI
3. Steering the design and use of more climate friendly AI
4. Facilitating transferable AI foundation for lifelong learning
5. Promoting inclusivity in AI competency development

## AI competency framework for school students (AI CFS)

| Competency Aspects | Progression Levels | | |
|---|---|---|---|
| | **Understand** | **Apply** | **Create** |
| **Human-centred mindset** | Human Agency | Human Accountability | AI Society Citizenship |
| **Ethics of AI** | Embodied Ethics | Safe and Responsible Use | Ethics by Design |
| **AI techniques and applications** | AI Foundations | Application Skills | Creating AI Tools |
| **AI system design** | Problem Scoping | Architecture Design | Iteration and Feedback Loops |