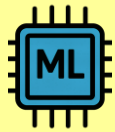


Developing Skills for an AI-driven world of work



New Skills for an AI-driven Labor Market

Technical Skills



Machine Learning



Data Science and Analytics



Natural Language Processing



Computer Vision



Robotics and Automation



Cloud Computing



Cybersecurity

AI-readiness Skills



Digital and Media Literacy



Data Literacy



Human-machine Interaction



Cyber hygiene



Ethical issues

Transversal and soft skills



Critical Thinking



Creativity



Communication

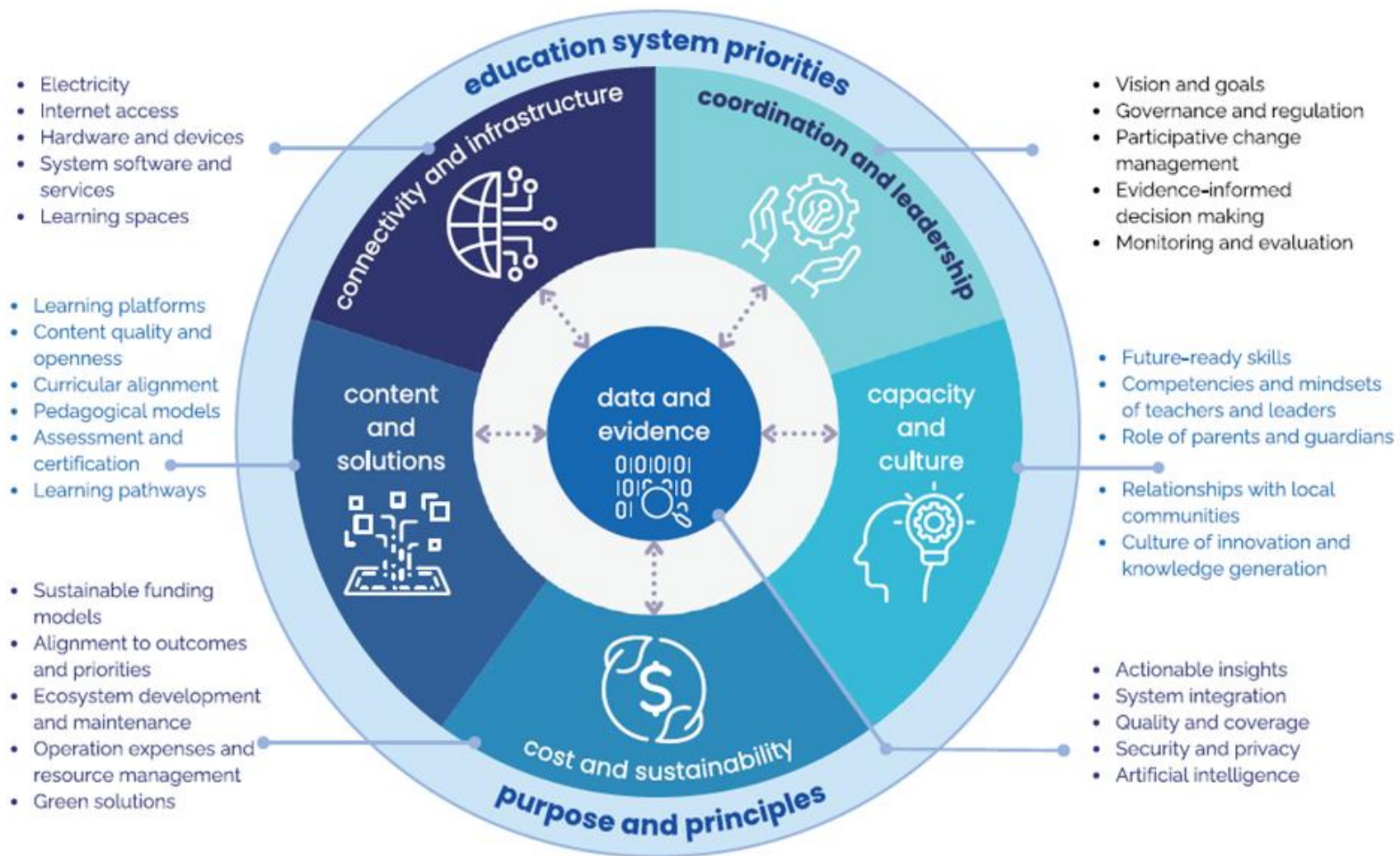


Teamwork



Socioemotional Learning

Six Pillars for the Digital Transformation of Education



Competency aspects	Progression levels		
	Understand	Apply	Create
• Human-centred mindset	• Human agency	• Human accountability	• Citizenship in the era of AI
• 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



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AI competency framework
for students



Education
2030

Aspects	Progression		
	Acquire	Deepen	Create
1. Human-centred mindset	Human agency	Human accountability	Social responsibility
2. Ethics of AI	Ethical principles	Safe and responsible use	Co-creating ethical rules
3. AI foundations and applications	Basic AI techniques and applications	Application skills	Creating with AI
4. AI pedagogy	AI-assisted teaching	AI–pedagogy integration	AI-enhanced pedagogical transformation
5. AI for professional development	AI enabling lifelong professional learning	AI to enhance organizational learning	AI to support professional transformation



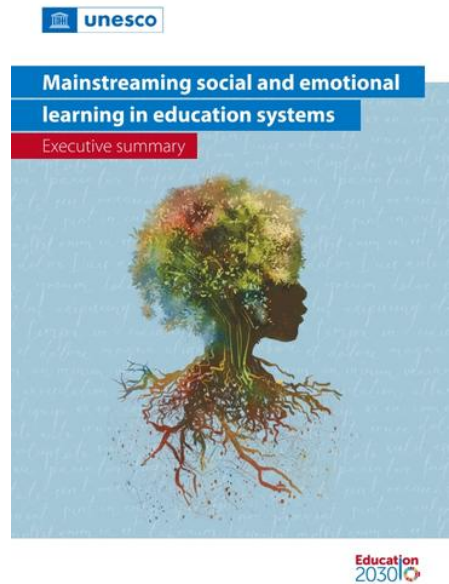
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AI competency framework
for teachers



Education
2030

Socioemotional Learning (SEL)



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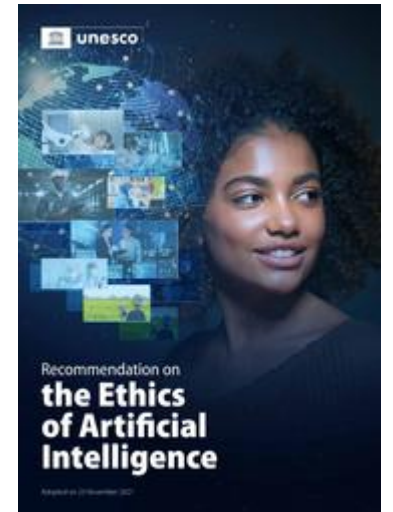
Education 2030

Values

- Respect, protection and promotion of human rights and fundamental freedoms and human dignity
- Environment and ecosystem protection
- Ensuring diversity and inclusiveness
- Living in peaceful, just and interconnected societies

Principles

- Proportionality and Do No Harm
- Safety and security
- Fairness and non-discrimination
- Sustainability
- Right to Privacy, and Data Protection
- Human oversight and determination
- Transparency and explainability
- Responsibility and accountability



Thank you!

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