

Reading, writing and mathematics

25th

Skills, knowledge and abilities / Cognitive skills / Reading, writing and mathematics

Global Skills Taxonomy ↗

Five year trend

Learning hours spent pursuing assessments and credentials in **Reading, writing and mathematics** from 2017 to 2022 (share of total learning hours).
Source: Coursera



Reskilling focus

Companies for which **Reading, writing and mathematics** is a priority in their upskilling and reskilling programmes for 2023-2027 (share of companies surveyed)

6%

Skill importance

Companies for which **Reading, writing and mathematics** is a core skill for workers (share of companies surveyed)

25%

Skill evolution

Share of companies for which **Reading, writing and mathematics** is **increasing** or **decreasing** in importance at work. White diamond and label represent net share.

+26%

Jobs in focus

Roles where organizations surveyed report **Reading, writing and mathematics** to be increasing in importance fastest, alongside estimates of the net job growth (percent) from 2023 to 2027.

ROLES

	NET GROWTH
1. Accounting, Bookkeeping and Payroll Clerks	-27%
2. Chemical Processing Plant Operators	2%
3. Business Development Professionals	21%
4. Business Services and Administration Managers	-5%
5. Assembly and Factory Workers	-6%
6. Managing Directors and Chief Executives	-2%
7. General and Operations Managers	0%

Time to skill

Learning hours required to achieve a credential in **Reading, writing and mathematics** at beginner, intermediate or advanced proficiency as a function of the learner's level of formal education.

Hours 0 34

FORMAL EDUCATION BACKGROUND

	BEGINNER	INTERMEDIATE	ADVANCED
All	4.0	13.8	24.3
No Bachelor's Degree	3.9	12.8	21.4
Bachelor's Degree	4.1	14.6	25.6
Graduate Degree	4.3	14.9	25.8

Strategically adjacent skills

Probability that a company which will prioritise skills training in **Reading, writing and mathematics** from 2023 to 2027 will also prioritise other skills.

Skill taxonomy Skills, knowledge and abilities Attitudes

Talent management	73%
Leadership and social influence	70%
Technological literacy	70%
Analytical thinking	68%
Creative thinking	65%
Resilience, flexibility and agility	65%
Resource management and operations	65%
AI and big data	63%
Empathy and active listening	63%
Motivation and self-awareness	63%

Simultaneous skill development

Probability that courses in **Reading, writing and mathematics** also teach other skills. Source: Coursera.

Skill taxonomy Skills, knowledge and abilities Attitudes

Resource management and operations	45%
Programming	45%
Analytical thinking	44%
AI and big data	40%
Design and user experience	38%
Empathy and active listening	29%
Creative thinking	26%
Marketing and media	24%
Networks and cybersecurity	24%
Technological literacy	23%

Industry trends

Industry-by-industry variations in reskilling focus, current and future importance, forecast evolution in importance, and strategic focus companies will place on **Reading, writing and mathematics** from 2023 to 2027 for the industries which assign the highest and lowest reskilling focus to this skill (share of companies surveyed)

Above global mean Below global mean

