




# Meta Learning & Thinking Skills

Are you as good as your robot?  
Based on C.M. Rubin and Stuart Elliot and Dirk Vandamme OECD

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- Technological advances are going to change work skills in the future and leave certain kinds of workers unemployable.



*Stuart Elliot, C. M. Rubin, Dirk Van Damme*




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**Discussion theme:**

- **Stuart and Dirk:**
- **According to Computers and the Future of Skill Demand, robots seem to be better at hard skills such as mathematics and computing, while humans are much better at soft skills, such as reasoning and writing. Should education systems in the future focus more on softer skills and give up teaching hard skills altogether, or is there some value in knowing skills that robots, at the moment, seem to be better at?**




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### In your opinion, what are three key skills each child must possess in order to remain competent in an age of robotics?

• The study looked at three skills that are generally believed to be important for everyone: literacy, numeracy and problem solving. That's why we call them 'foundation skills'. These will still be key skills over the next few decades. But the capabilities of computers suggest we'll be using these skills in new ways, as we're already seeing. We'll be surrounded by computers that provide information, direct our attention and suggest choices. The real competence needed by people will be the critical thinking and reasoning to put all the pieces together.

• Compare to Blooms taxonomy??



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"We'll be surrounded by computers that provide information, direct our attention and suggest choices. The real competence needed by people will be the critical thinking and reasoning to put all the pieces together." – Elliott/Van Damme



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