







Prof. Dr. Paula Bleckmann

**So funktionieren Computer und so funktionieren Menschen -
eine Kurzanalyse ausgewählter Lehrmaterialien aus der
informatischen Bildung**

**That´s how computers work an that´s how humans work – a
brief analysis of selected ICT teaching material**

Short Version of: “Could Technology Education Strengthen Humanism? Identifying Implicit and Explicit Computer Anthropologies in Basic ICT Education and Developing Alternatives”. Presentation at Consultation „The Future of Humanism – Or: Toward a Future Worth Wanting“, Einsiedeln, CH, 23rd to 26th of March 2023

Material	Brief description of material/ intervention	Q1: ICT skills? understanding how computers work? What's likely?	Q2: Which anthropologies likely to be conveyed?	Q3: ICT skills? Understand how computers work?	Q4: Anthropologies actually adopted?
	Coding app, screen-based, pre-school			X	X
	Coding bot, non-screen-based, pre-school			?	X
	Real-life activities sorting, searching etc. Primary school			?	X
Many more...					
	Real-life activities sorting, searching etc. Primary school			?	?






















Look at your handout (in the Alanus Bag)

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	Coding app, screen-based, Hop. pre-school,	No	Gamification, Implicit CA? unblackthebox.org	X	X
	Coding bot, non-screen-based, pre-school				
	Real-life activities sorting, searching etc. Primary school				
	Book describing and depicting computer components				
	Build cardboard computer w/ children inside , kindergarten				

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	Coding app, screen-based, Hop. pre-school,	No	Gamification, Implicit CA? unblackthebox.org	X	X
	Coding bot, non-screen-based, pre-school	(Yes) Bots understand, have friends	Implicit CA?	(+) http://156.35.33.189/index.php/MSG/article/view/13184	X
	Book describing and depicting computer components	No No fundamental ICT principles	Explicit CA: Your brain works like a computer	X	X
Many more...					
	Real-life activities sorting, searching Analog-Digidakt.			?	?

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	Book describing and depicting computer components	No No fundamental ICT principles	Explicit CA: Your brain works like a computer	X	X
Many more...					
	Real-life activities sorting, searching Analog-Digidakt.	(yes)	Not CA	(+)	(+)

References

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- <https://www.tynker.com/> Coding safari: <https://www.youtube.com/watch?v=zQmGwHBUy3g>
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