

Digitalisering, Big Data og skolens undervisning

Michael Paulsen

2021

Samfundet (2021)

Kina
USA
EU...

Teknologi

It
Digitalisering
Big Data
Droner
AI
...



Hvordan respondere på,
udvikle, modificere og
bruge... ?

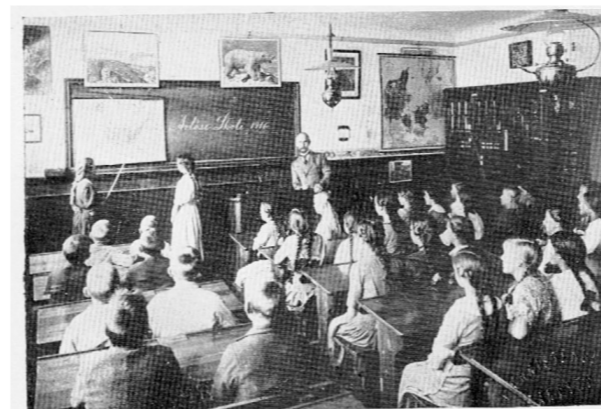


Skolen

Forskellige forståelser af
skole, undervisning,
samfund, verden, mennesket

- a) Teknikeren
- b) Gartneren
- c) Udfordrereren
- d) Skabereren

Muligheder
Ricisi



Arlose Skole: Interior 1916.

Student Profile - Sign out

Personal Details

Name: **Mylo Smith** (2293)

Gender: Male
Date of Birth: 23 Dec 1994
Age: 16 Yrs 7 Mths
Teacher(s): Mr Mark THORNHILL

Guardian(s): Thornhill, (Mother)
Thornhill, (Father)

Sibling(s):
Mother Tongue: English
Ethnicity: White - British
Nationality: United Kingdom
Religion: Roman Catholic

Attendance Last Current

Day	Mon	Tue	Wed	Thu	Fri
Present	12	12	12	12	12
Late	0	0	0	0	0
Unauthorised	0	0	0	0	0
Authorised	0	0	0	0	0

81.25% (13)
6.25% (1)
6.25% (1)
12.5% (2)

Behaviour

Points +8

Positive	(2)
Negative	(2)
Neutral	(1)

Timetable

Subject	Code	Lead Teacher
Art	10A/Ar	Mrs DUNLOP
Design & Tech	10A/DT	Mr Ranshi
Design & Tech	10B/DT	Mr Willmott
English	10J/En	Mrs FIDDLER
Games	10MR/Ga1	Mrs ROCCO
Gen Side	10A/GS1	Mr Willmott
History	10A/H1	Mr CLARK
History	10A/H2	Mr CROSSBY
Information S	10A/ICT	Mr TREVES
Latin	10A/La1	Mrs HOWELL
Latin	10A/La2	Mrs ELLAND
Maths	10De/Ma	Mr Anyan

Assessments

Year	Over	Subject	Room
Yr 10 Ov	Y10 Bio	A	
Yr 10 Ov	Y10 Bio	A*	
Yr 10 Ov	Y10 Bio	A*	
Yr 10 Ov	Y10 Chem	A*	
Yr 10 Ov	Y10 Chem	A*	
Yr 10 Ov	Y11 IT E	B	
Yr 10 Ov	Y11 IT T	A*	
Yr 10 Ov	Y10 Hist	A*	
Yr 10 Ov	Y10 Math	A*	
Yr 10 Ov	Y10 Math	B	
Yr 10 Ov	Y10 Art	B	
Yr 10 Ov	Y10 Math	A*	

Schedule

Time	Subject	Room
Now: 13:15	Ma	24
Next: 14:00	En	25

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Skolen

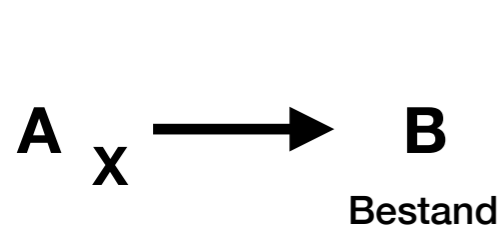
Forskellige forståelser af skole, undervisning, samfund, verden, mennesket

Hvordan respondere på, udvikle, modificere og bruge... ?

Muligheder
Risici

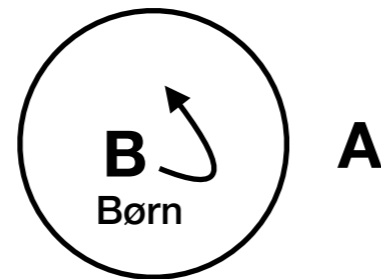
- a) Teknikeren
- b) Gartneren
- c) Udfordreren
- d) Skaberen

Teknikeren

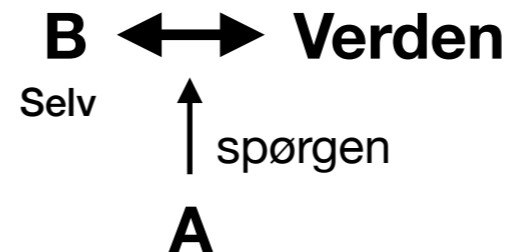


Blevet dominerende?

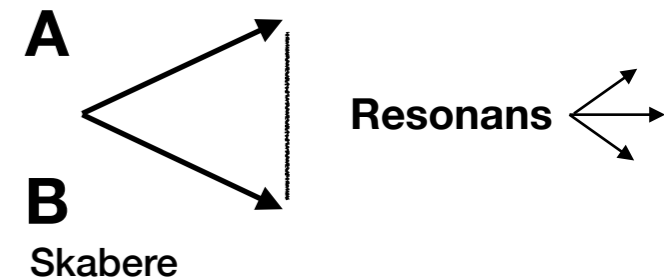
Gartneren



Udfordreren



Skaberen



Spørgsmål

- Hvordan forholder man sig til – og responderer på – digitalisering, Big Data, AI... i en dansk grundskolekontekst 2021?
 - Karakteristiske eksempler?
 - Ud fra hvilke grundforståelser?
 - Er den tekniske forståelse dominerende?
 - Fordele (muligheder) / ulemper (risici) ?
 - Alternativer?

Referencer

- Livingstone, S. (2014). *The Mediatization of Childhood and Education: Reflections on the Class*. In Kramp, L., Carpentier, N., Hepp, A., Tomanic-Trivundza, I., Nieminen, H., Kunelius, R., Olsson, T., Sundin, E., and Kilborn, R., (eds), *Media Practice and Everyday Agency in Europe*. Bremen: Edition Lumière, pp. 45–67.
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- Paulsen, M. (2021). *Bildung and Technology: Historical and Systematic Relationships*. In Kergel, D., Paulsen, M. and Garsdal, J. (Ed.). *Bildung in the Digital Age*. Routledge.
- Paulsen, M. and Tække, J. (2020). *Acting with and against Big Data in School and Society: The Big Democratic Questions of Big Data*. *The Journal of Communication and Media Studies* 5(3): 15–31. doi:10.18848/2470-9247/CGP/v05i03/15-31.
- Tække, J., & Paulsen, M. (2021). *A new perspective on education in digital age – Teaching, media and Bildung*. Bloomsbury.