

Med biblioteket på sjøreise

Integrering av informasjonskompetanseundervisning i et internasjonalt, tverrfaglig og erfaringsbasert kurs

PhD on Track nettverksseminaret
Stavanger 23.04.2026

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UiT Norges arktiske universitet

- *One Ocean II Expedition - Staatsraad Lehmkuhl*
- 12 måneder/ 27 havner/ 4 kontinenter
- Fremme bærekraftig havforvaltning



Foto: Ole Morten Algerøy



Kilde: <https://www.oneoceanexpedition.com/one-ocean-expedition-circumnavigation-statsraad-lehmkuhl>



7th of April 2025

The One Ocean II expedition starts in Bergen in Norway

9th to 13th of June 2025

UNs ocean conference in Nice in France

22nd to 26th of August

Planned stop in Gjøa Haven in Canada

4th of October

Expedition ends in Anchorage in Alaska

16th to 22nd of April

The sailboat will visit Tromsø in Norway

5th of August

The UiT part of the expedition through the Northwest Passage starts in Nuuk in Greenland

29th of August to 2nd of September

Planned stop in Cambridge Bay in Canada

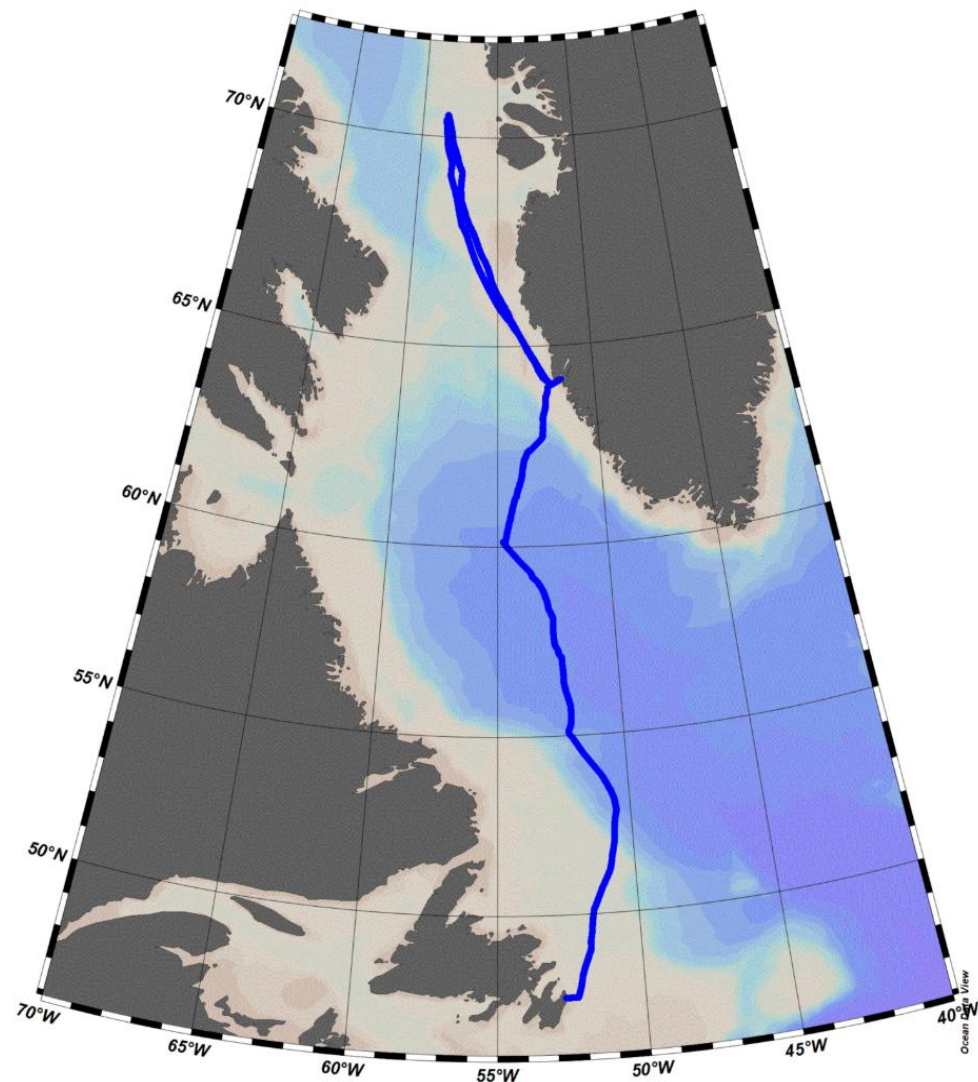
MNF-3001/8001 Arctic Future Pathfinders - A journey through the Northwest Passage



Kilde: <https://www.oneoceanexpedition.com/one-ocean-expedition-circumnavigation-statsraad-lehmkuhl>

Kart over faktisk rute under etappe 1 (05.08-20.08)

Etappe 2 (land-basert)



Source: Arctic Future Pathfinders cruise report

07.09 – 15.09 30.08 – 06.09





MNF-3001/8001 Arctic Future Pathfinders - A journey through the Northwest Passage

- Tverrfaglig kurs på **ti studiepoeng**
- Et kurs med fokus på **arktisk bærekraft** og **Polhavets** rolle
- Undervisning på engelsk
- Åpent for deltakere fra *UiT* og *Uarctic* partneruniversiteter (10 universiteter; fem land)
- Stipendiater (ca. 60%) og masterstudenter (ca. 40%)
- Åpent for alle fagområder
- Undervisere: fra alle fakulteter/ enheter ved UiT (13 fagområder)

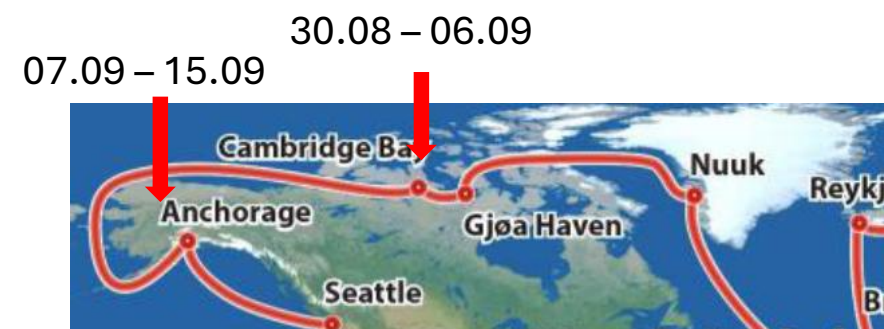
**Polhavet
2050**



MNF-3001/8001 Arctic Future Pathfinders - A journey through the Northwest Passage

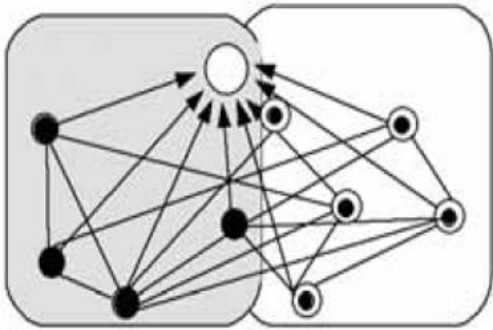
Holdes to ganger

1. På seilbåten som navigerte gjennom det **arktiske området** fra Nuuk, Kalaallit Nunaat/ Grønland, til St. John's, Canada (60 studenter)
2. På land i det **arktiske området** - Iqaluktuttiaq/Cambridge Bay, Canada og Anchorage, Alaska (39 studenter)



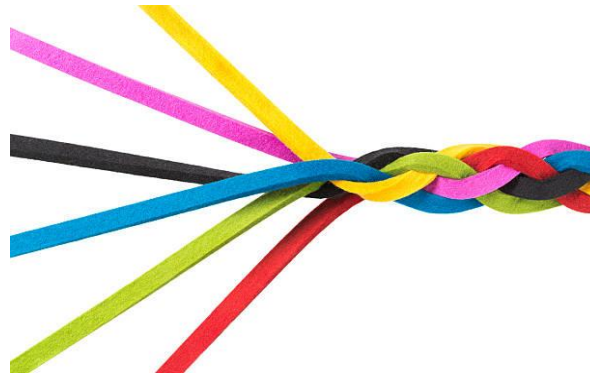
Utgangspunktet for kursstrukturen

TVERRFAGLIGHET



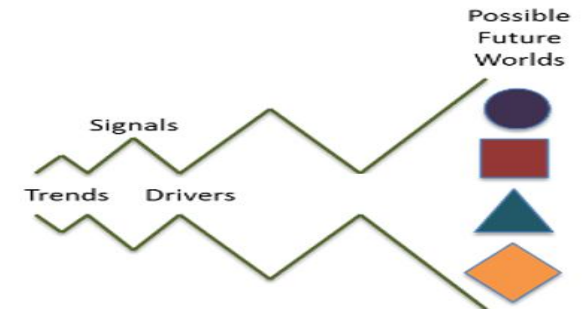
“An **interdisciplinary** course that can be taken by any student at UiT, that can engage any teacher at UiT, and that involves staff from all faculties and units at UiT”

MULTIMODALT



- **Disiplinkunnskap**
- **Urfolksaspekter og tilnærminger**
- **Kunstneriske tilnærminger**

KRITISKE FREMTIDSSTUDIER

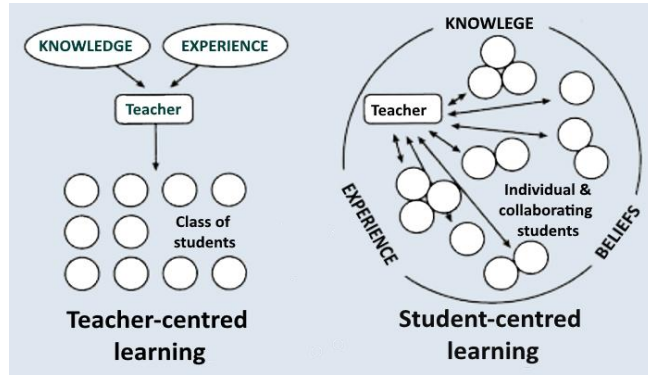


Critical Futures Studies:

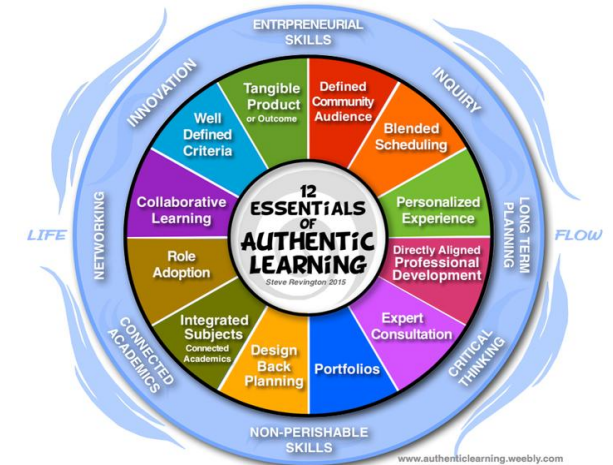
An approach to futures thinking that challenges dominant assumptions, explores power dynamics, and seeks more just and inclusive futures

Undervisningsmetoder

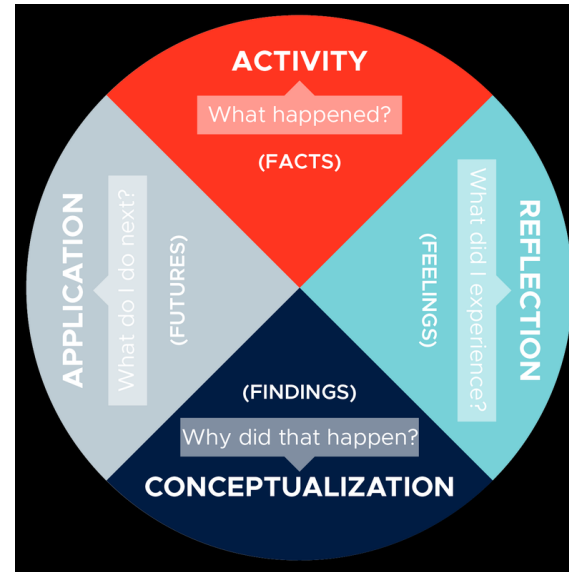
Studentsentrert læring



Autentisk læring



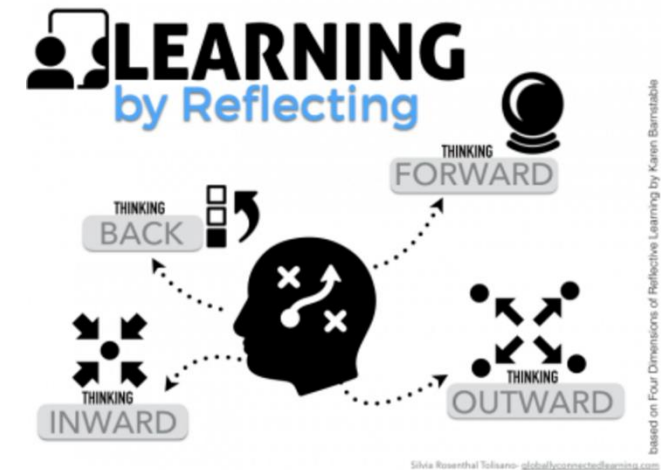
Erfaringsbasert læring



Samarbeidslæring



Reflekterende læring



Transmedia worldbuilding

1. Informasjonskompetanse undervisning

- Integrering av arktisk informasjonskompetanse (AIK) og urfolk informasjonskompetanse (UIK)

2. Bibliotekshjørnet

3. Alternative pedagogiske aktiviteter

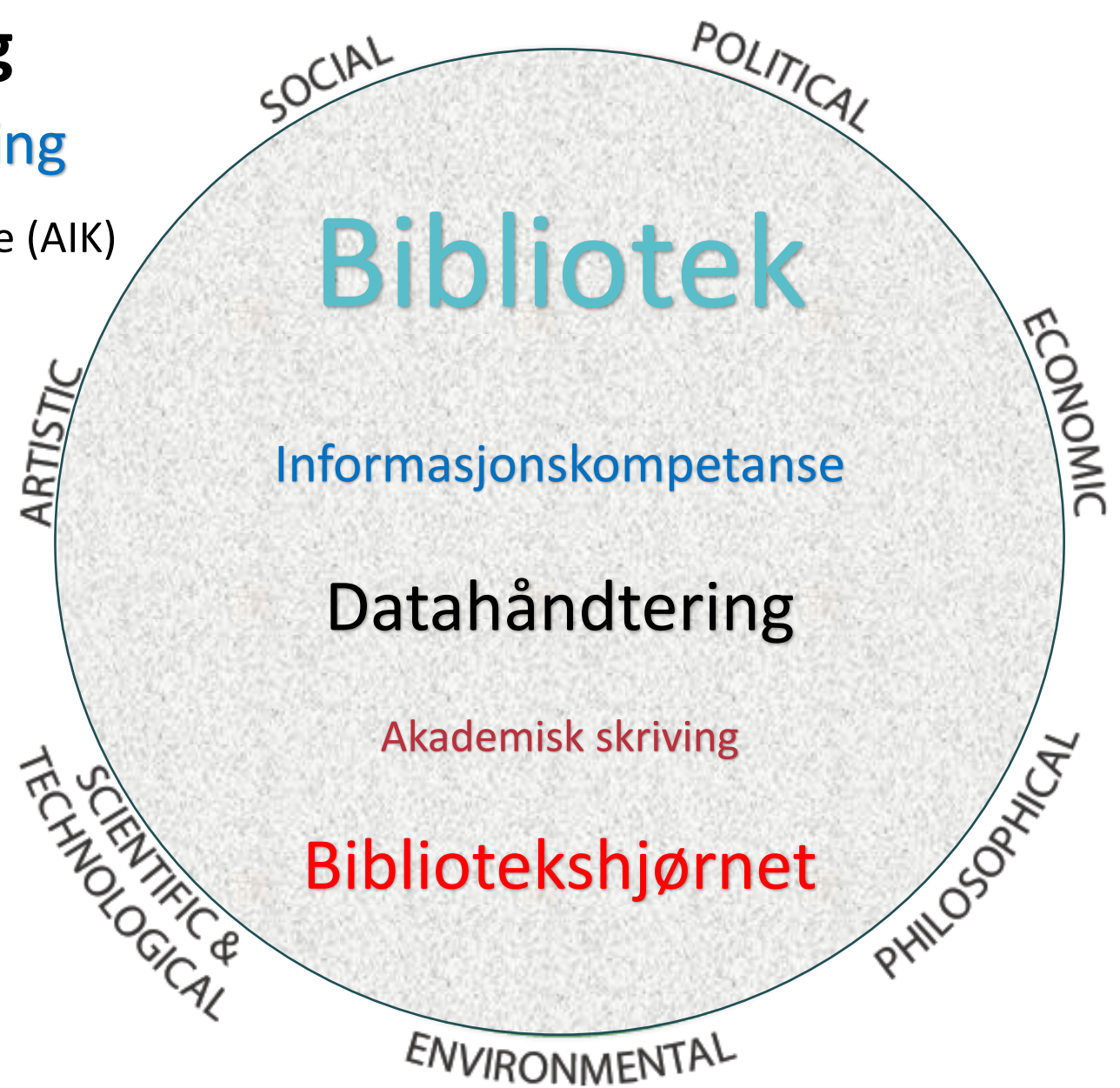
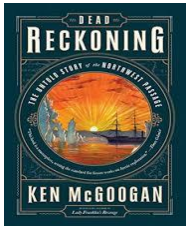
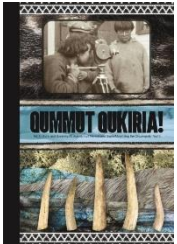
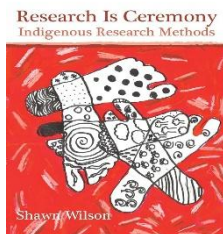
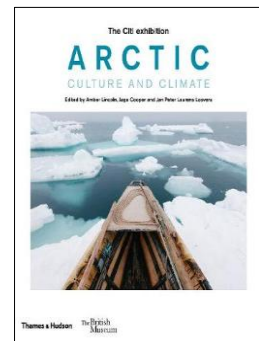


Figure 10: Seven Foundations of Worldbuilding, Essential Version



Bibliotekshjørnet

(87 bøker og artikler)



1. Informasjonskompetanse undervisning

Workshop: *Information Literacy – An Appraisal and a Forecast*

To iterasjoner:

- Om bord *Statsraad Lehmkuhl* (tre grupper; 20 X 3 studenter)
- På land - Cambridge Bay og Anchorage (plenum; 39 studenter)



Foto: Karine Nigar Aarskog/UiT

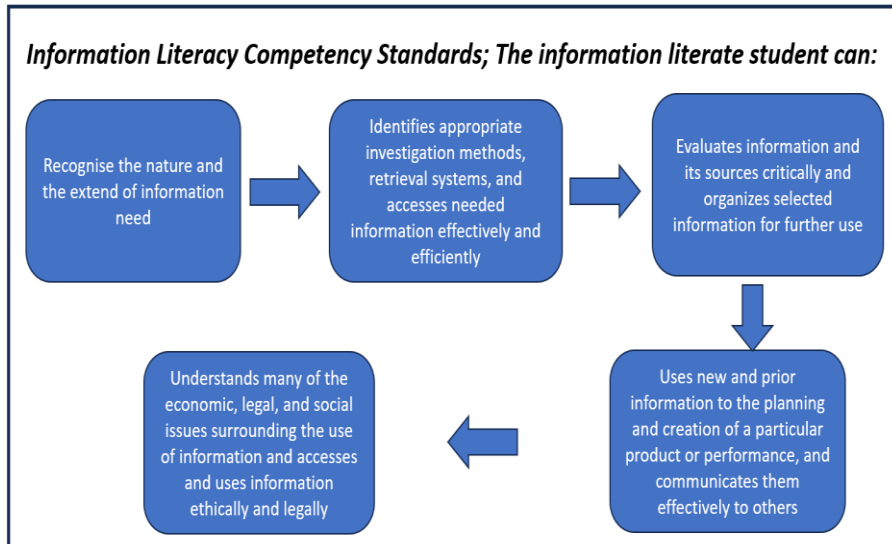


Foto: Karine Nigar Aarskog/UiT

1. Informasjonskompetanse undervisning

Workshop: *Information Literacy – An Appraisal and a Forecast* (del 1)

Informasjonskompetanse for HU



A set of abilities requiring individuals to "recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information".
(American Library Association, 1989, p. 2)

Arktiskt informasjonskompetanse



Source: <https://www.britannica.com/place/Arctic>

It involves the ability to locate, evaluate, and use information effectively, fostering a deeper understanding of Arctic related issues. (Campbell et. Al, 2017)

Urfolk informasjonskompetanse



Source: gida-global.org/

The ability to use information and create or gain knowledge, while practicing the Indigenous concepts of relationality, reciprocity, and respect.
(Littletree, Andrews, & Loyer, 2023)

1. Informasjonskompetanse undervisning

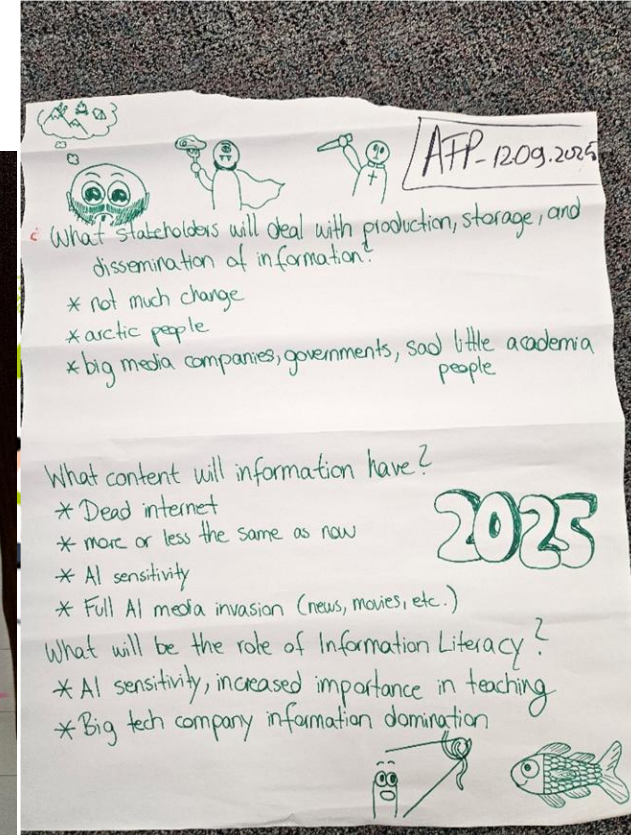
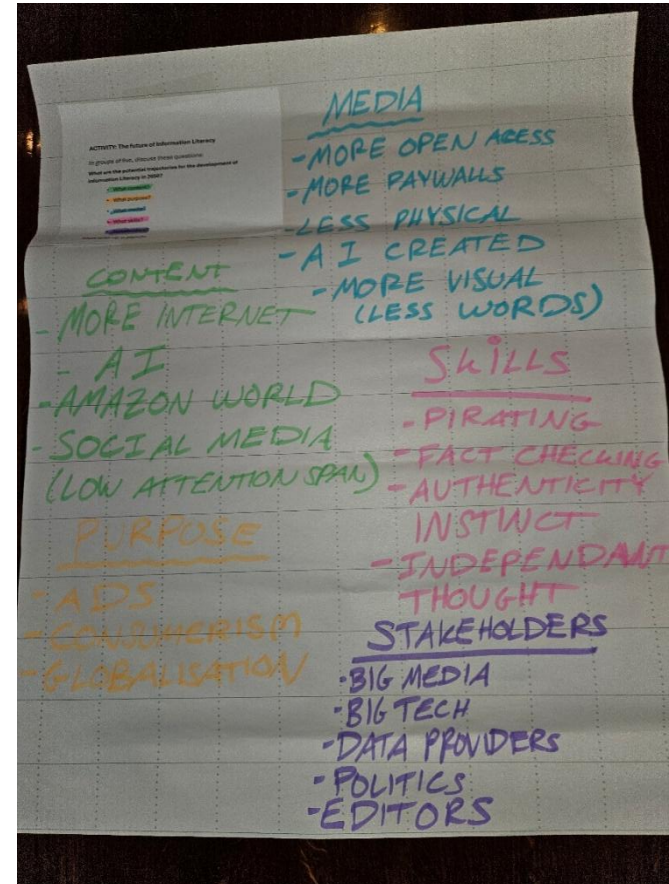
Workshop: Information Literacy – An Appraisal and a Forecast (del 2)

In groups of five, discuss these questions:

What are the potential trajectories for the development of Information Literacy in 2050?

- What content will information have?
- **What will be the role of Information Literacy?**
- What media will be used for information storage?
- **What skills for processing information will be necessary?**
- What stakeholders will deal with production, storage, and dissemination of information?

Short wrap-up in plenum



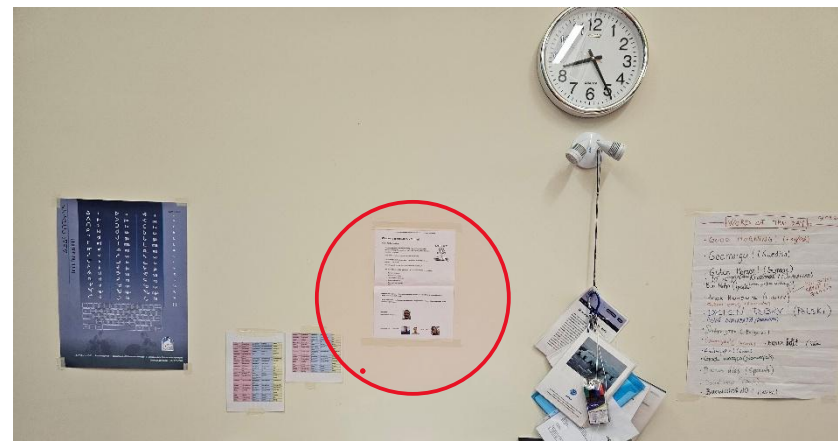
2. Bibliotekshjørnet

1. Etappe - Om bord *Statsraad Lehmkuhl*

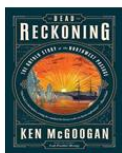
- 87 bøker og artikler
- Lånereglement
- Låneregister

2. Etappe - På land i Cambridge Bay og Anchorage

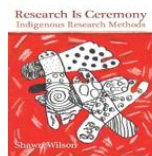
- 42 bøker og artikler
- Lånereglement
- Låneregister



LOAN REGISTER						
No.	Borrower's NAME	BOOK / article TITLE	Date & hour BORROWED	Date & hour DUE	Date & hour RETURNED	REMARKS
1	Viljo Nuoriniemi	Indigenous Peoples Atlas of Canada	11/02/25 10:30	12/03/25 12:00	01/03/25 12:00	
2	Frode Sævi	Dead Reckoning	11/02/25 12:45	01/03/25 8:00		
3	Daniel Jensen	Unikkaatut	11/9/25 14:25	21/9/25 08:00	21/9/25 08:00	
4	Arne Sævi	Split Tooth	21/9/25 15:30	3/10/25 15:30	4/10/25 10:00	
5	Elenorine Mikhalova	Terror & Erebus	3/10/25 08:00			
6	Viljo Nuoriniemi	The Arctic Mysterium	03/10/25 9:30			
7	Sara Colleso	Unikkaatut	03/09/2025 18:05	04/09/2025 8:00	04/09/2025 8:30	

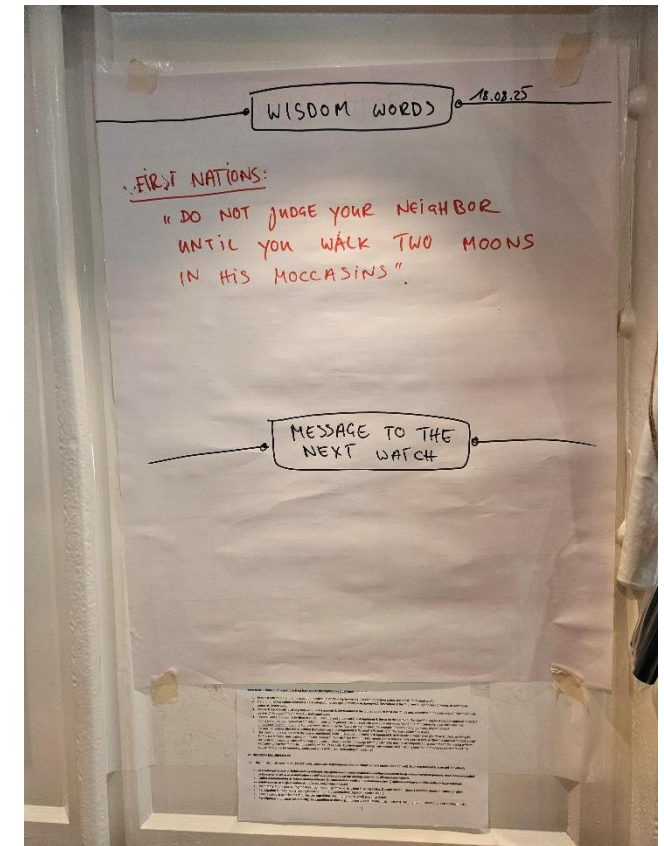
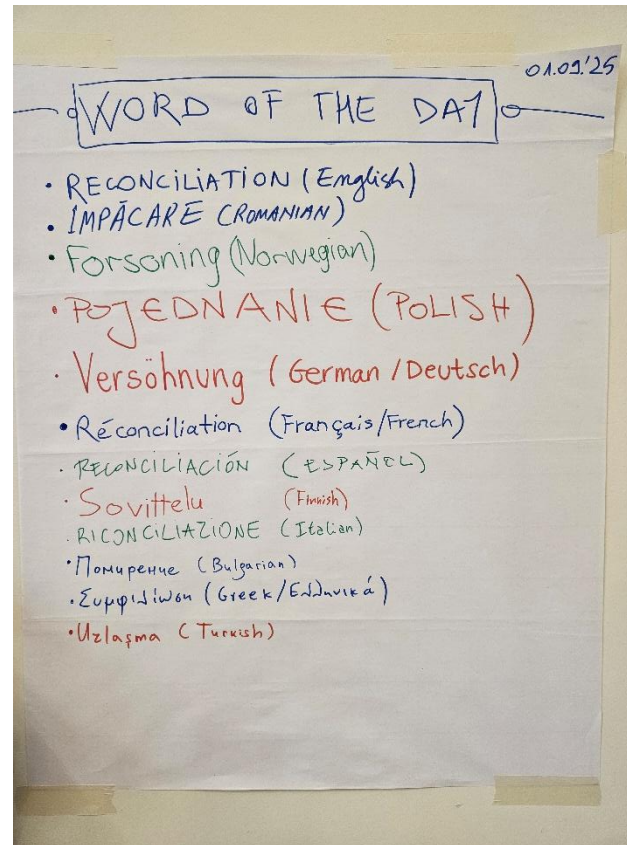


Bibliotekshjørnet
(87 bøker og artikler)



3. Alternative pedagogiske aktiviteter

- Diktskriving
- Word of the day
- Indigenous wisdom words



UAA/APU Consortium Library

Anchorage - 11. September 2025



Refleksjoner over bibliotekets rolle i kurset

1. Tverrfaglighet og integrering av informasjonskompetanse:

- Generiske kompetanser som kan overføres på tvers av fagområder
 - Styrket studentenes kompetanse i kritisk bruk av informasjonskilder og kommunikasjonsmedier i forskning på Arktis fra mono- og multidisiplinære perspektiver
 - Anvende relevante søkemetoder og søkesystemer for eget felt, samt AIK og UIK
 - Evaluere kritisk og organisere informasjon (både empirisk og spekulativ)
 - Følge etiske og juridiske retningslinjer (**FAIR-CARE** prinsippene)
- Genererer ferdigheter for *autentisk, fordypende læring*
 - Styrket studentenes ferdigheter for erfaringsbasert læring
 - Utforsking av arktisk miljø, lokalsamfunn, urfolkskultur og språk
- En forutsetning for livslang læring
 - Informasjonskompetanse = synonymt med å vite hvordan man lærer

Refleksjoner over bibliotekets rolle i kurset

2. Biblioteket som sentripetal enhet

- Tverrfaglig pensum (med fokus på Arktis og urfolk)
 - Faglitteratur
 - Skjønnlitteratur
- Undervisning – første modul i kurset
 - Overførbare generiske ferdigheter
- Veiledning
 - Litteratursøk
 - Håndtering av forskningsdata
- Studentenes tilbakemeldinger
 - Stor interesse for AIK og UIK
 - Lite tid for integrering



Figure 10: Seven Foundations of Worldbuilding, Essential Version

Spørsmål eller kommentarer



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UiT Norges arktiske universitet

Sources:

American Library Association (ALA). (2000). ACRL Information Literacy Competency Standards for Higher Education.

American Library Association (ALA). (1989). Presidential committee on information literacy. Presidential Committee on Information Literacy: Final Report.

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Australian School Library Association. Policy statement - Information literacy 1994 http://www.asla.org.au/policy/p_infol.htm

Campbell, S., Thorlakson, J., Braund-Allen, J. E. (2017). Polar (Arctic and Antarctic) Sciences Information Literacy. In Kuden, J. L., Braund-Allen, J. E., & Carle, D. O. (Eds.). *Agriculture to Zoology: Information Literacy in the Life Sciences*. (87-108). Chandos Publishing.

Global Indigenous Data Alliance (GIDA). *CARE Principles for Indigenous Data Governance*. <https://www.gida-global.org/care>

Hepworth, M. (2000). Approaches to providing information literacy training in higher education: Challenges for librarians. *New Review of Academic Librarianship*, 6(1), 21–34.
<https://doi.org/10.1080/13614530009516799>

Images:

Arctic Future Pathfinders cruise report

<https://stock.adobe.com/no/search?k=college+cartoon+character>

<https://tahliayarrowproskills.weebly.com/information-literacy.html>

<https://www.britannica.com/place/Arctic>

<https://www.cs.cornell.edu/wya/DigLib/text/Chapter1.html>

<https://www.dreamstime.com/photos-images/whole-people-world.html>

<https://stock.adobe.com/no/search?k=college+cartoon+character>

<https://tahliayarrowproskills.weebly.com/information-literacy.html>

<https://www.kpu.ca/library>

<https://www.newscientist.com/article/2290324-ancient-mesopotamian-cuneiform-tablets-could-be-decoded-by-an-ai/>

<https://www.oneoceanexpedition.com/one-ocean-expedition-circumnavigation-statsraad-lehmkuhl>