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Campus Inkrement

a Norwegian digital flexible teaching platform to support blended learning

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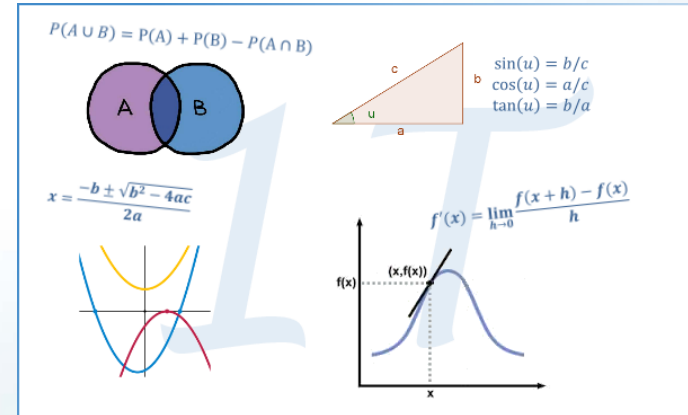
Campus Inkrement – a Norwegian digital flexible teaching platform to support blended learning

[Campus Inkrement](#) is a digital teaching platform developed in Norway to support blended learning, especially “flipped classroom”. The tool is meant to support elementary school and high school - for subjects such as mathematics, physics and chemistry. It is also used to some degree in pre-qualifying subjects at university level.



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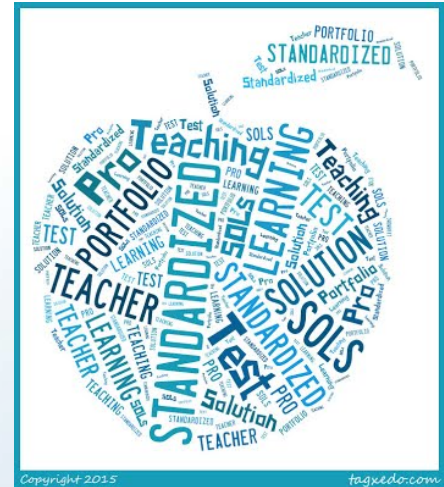
Digital sources and tools being used in teaching and dissemination of knowledge are in rapid development and application and quality is getting better. Those elements gives new opportunities at the intersection of pedagogical and didactic challenges around building up the content and dissemination of a subject.



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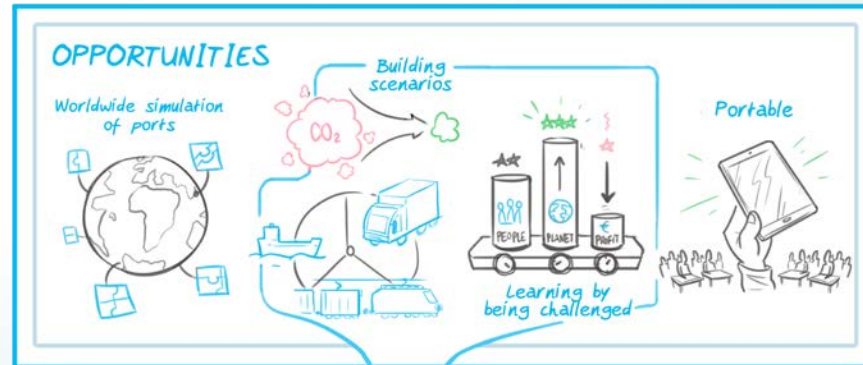
Campus Inkrement has built up a resource well of thematic videos covering all relevant mathematics in high school. As a supplement, many mathematical examples and digital exercises have also been made to support these videos.

Complete education programs have been developed for different levels of knowledge, including specialization courses in mathematics and physics.



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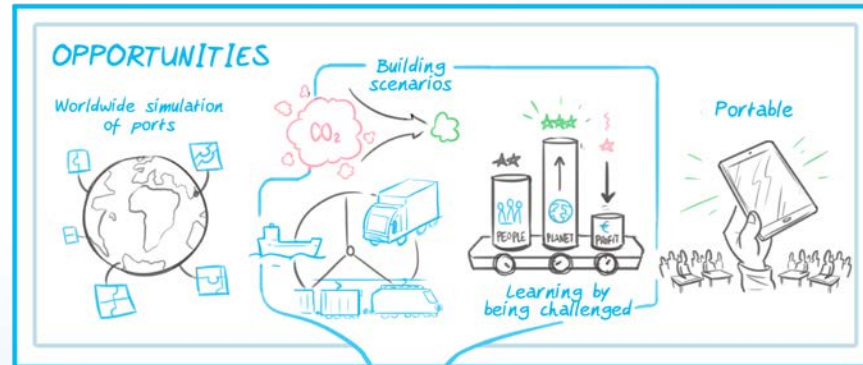
As a user of Campus Increment, you can – as a start – use available courses and other resources. Then you can add on with proprietary material, such as videos, math samples and tests. Of course, you can build a course from the very bottom by using the different tools in the application.



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Campus Inkrement has some nice authoring tools. They let you enter text, videos, examples, self tests, exercises and evaluation. You can import from all net-supported sources.

A basic version is free, and if you pay a simple licence, you get access to all features.



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Structure of a subject

CampusInkrement - Omvendt undervisning



Med omvendt undervisning snus læringsprosessen på hodet: Du forbereder deg i forkant av de oppsatte undervisningstimene - ved å bruke innlæringsressurser som er lagt til rette for dette. CampusInkrement er et slikt verktøy. Da behøver vi ikke å bruke så mye tid på ren teorigjennomgang, men heller fokuser på hva vi kan bruke teorien til - i form av øvingsarbeid!

Hvorfor?

- Du kan selv styre tempoet
- Du kan starte undervisningen når du er opplagt
- Du kan repetere undervisningen når du vil
- Du løser oppgaver i klasserommet, og kan derfor få hjelp
- Du vil oppdage at leksene følges opp bedre
- Du får en oversikt over din fremdrift i kurset

YGR1601 Teknisk realfag

Vi bruker CampusInkrement som et slikt hjelpemiddel.

Kjell

Innhold

- 1 Tall og variable
[Vis mer ↓](#)
- 2 Algebra
[Vis mer ↓](#)
- 3 Likningssett og ulikheter
[Vis mer ↓](#)
- 4 Rette linjer og grafer
[Vis mer ↓](#)
- 5 Polynomer og rasjonale uttrykk
[Vis mer ↓](#)
- 6 Grenseverdier og derivasjon
[Vis mer ↓](#)
- 7 Funksjonsdrøfting
[Vis mer ↓](#)
- 8 Logaritmer og eksponentialfunksjoner
[Vis mer ↓](#)

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Structure of a subject, chapter

2 Algebra Vis mindre ↑		oppgaver	fremdrift
>	2.1 Likninger	<input checked="" type="radio"/>	<input type="radio"/>
>	2.2 Formler	<input checked="" type="radio"/>	<input type="radio"/>
>	2.3 Kvadratsetningene	<input checked="" type="radio"/>	<input type="radio"/>
>	2.4 Faktorisering	<input checked="" type="radio"/>	<input type="radio"/>
>	2.5 Forkorting av rasjonale uttrykk	<input checked="" type="radio"/>	<input type="radio"/>
>	2.6 Fullstendige kvadrater	<input checked="" type="radio"/>	<input type="radio"/>
>	2.7 Metoden med fullstendige kvadrater	<input checked="" type="radio"/>	<input type="radio"/>
>	2.8 Andregradslikninger med to ledd	<input checked="" type="radio"/>	<input type="radio"/>
>	2.9 Andregradsformelen	<input checked="" type="radio"/>	<input type="radio"/>
>	2.10 Faktorisering av andregradsuttrykk	<input checked="" type="radio"/>	<input type="radio"/>
3 Likhetssett og ulikheter Vis mer ↓			

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Clip from a video

Undervisning Aktiviteter Statistikk Undervisvurdering

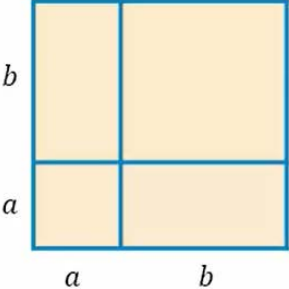
2.3 Teori Eks 1 Eks 2 Eks 3 Egenvurdering

1T

Kvadratsetningene

$(a + b)^2$

CAPPELEN DAMM



The diagram shows a large square divided into four smaller rectangles. The top-left rectangle has side length 'b'. The top-right rectangle has side length 'a' and 'b'. The bottom-left rectangle has side length 'a' and 'b'. The bottom-right rectangle has side length 'a' and 'b'. The labels 'a' and 'b' are placed along the bottom and left sides of the large square.

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After a video sequence with theory, you can add tests.



The screenshot shows the Campus Inkrement interface. At the top, there is a navigation bar with the following elements:

- Section number: 2.3
- Navigation icons: A sequence of play (▶) and question mark (?) icons. The second question mark icon is highlighted with a white circle, indicating the current position.
- Labels: Teori, Eks 1, Eks 2, Eks 3, and Egenvurdering.

The main content area displays the following text:

Kvadratsetningene

Bruk at $(a - b)^2 = a^2 - 2ab + b^2$ og regn ut $(x - 7)^2$.

Tips: x^2 skrives x^2 .

Ditt svar:

Avgi svar

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Here is a short demo of Campus Inkrement.

- [Structure of a complete course \(Norwegian\)](#)
- [English demo example](#)

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Thank you for the attention!

