

KLUMP – CompetenceLøft af Undervisere i Matematik På erhvervsskoler



Duration: **1/8 2023 – 31/12 2024**

Grant: **1,423,948 kr.**



Call: Novo Nordisk: Project grants
for strengthening STEM subjects
in vocational education and
training

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klump.aau.dk

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Seven teams

- Central theme: Jaworski's notion about **learning communities**
 - Teachers are **not only "receivers"** of information – but they are also **experts in their own praxis – translators and interpreters** of knowledge for their own praxis.
- Team 1 – Smith
 - Team 2 – Mechanics
 - Team 3 – Mason
 - Team 4 – Business
 - Team 5 – Carpenter
 - Team 6 – Electrician
 - Team 7 – Industrial operator

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Overview the 1.5 years

Autumn 2023 - Development	Spring 2024 - Try out	Autumn 2024 - Analysis/reporting
<ul style="list-style-type: none"> • Baseline (28/8, Tadium) • Startup seminar (11/9, Tadium) • Establish the seven teacher teams • Start facilitation • Development of teaching modules 	<ul style="list-style-type: none"> • Testing and evaluation of teaching modules • Experience and Knowledge Sharing Seminar (3/5, Tadium) – With Inspiration/Advisory Board 	<ul style="list-style-type: none"> • Analyse and reporting • Final Conference, invitation to all mathematics and trade-teacher at all technical schools in the kingdom (1/11, Tadium)

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Products

- Inspired teachers
- Motivated pupils
- Highly skilled pupils
- Pupils with a more positive view on mathematics and how it is used in their trade
- Ca. 40 teaching modules
- Materials to NCUM's website
- Articles
- Diploma to participating teachers



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A few pictures

