



Undervisningsbeskrivelse

Termin	June 2024
Institution	EUC Syd
Uddannelse	
Fag og niveau	Mathematics -
Lærer	Mia Meklenborg Steenholt (mms)
Hold	s23ib1

Forløbsoversigt (5)

Forløb 1	Linear functions and modelling
Forløb 2	Screening "Grundforløb" and individual talks
Forløb 3	Numbers, Sets, and Venn diagrams
Forløb 4	Probability
Forløb 5	Triangle trigonometry

Forløb 1: Linear functions and modelling

Forløb 1	Linear functions and modelling
Indhold	<p>Linear functions, equations, graphs. Linear modelling of real-life situations. Solving systems of two equations with two unknowns. Solving systems of inequalities. Use of technology such as the Graphical display calculator, TI-nspire CX II-T, and Geogebra. Linear modelling of data, plots, regression models. Linear programming.</p> <p>Noter: We will do a diagnostic maths test today in class, so please brush up on your existing maths knowledge before class. The questions are about Numbers and Algebra. The test is 45 min. Notes, books, or calculator are not allowed. Groups Of Four (transum.org) Gradient of a Line (transum.org) Please do activity 2 in the little booklet about Linear modelling, which we started working on last Thursday. You have to create a story + graph to go with it. If you already did this together with your group, then you do not have to do it again. I look forward to hearing your creative stories!</p>
Omfang	21 lektioner / 21 timer
Væsentligste arbejdsformer	Individual work, group work, presentations at the board.

Forløb 2: Screening "Grundforløb" and individual talks

Forløb 2	Screening "Grundforløb" and individual talks
Omfang	7 lektioner / 7 timer
Væsentligste arbejdsformer	

Forløb 3: Numbers, Sets, and Venn diagrams

Forløb 3	Numbers, Sets, and Venn diagrams
Indhold	Section 1.1, pages 20 to 37 in MYP Mathematics 4 & 5.
Omfang	6 lektioner / 6 timer
Væsentligste arbejdsformer	

Forløb 4: Probability

Forløb 4	Probability
Indhold	Section 4.4, pages 136 to 156 in MYP Mathematics 4 & 5.
Omfang	10 lektioner / 10 timer
Væsentligste arbejdsformer	

Forløb 5: Triangle trigonometry

Forløb 5	Triangle trigonometry
Indhold	Sections 7.4 in MYP Mathematics 4&5, pages 256 to 269.
Omfang	8 lektioner / 8 timer
Væsentligste arbejdsformer	