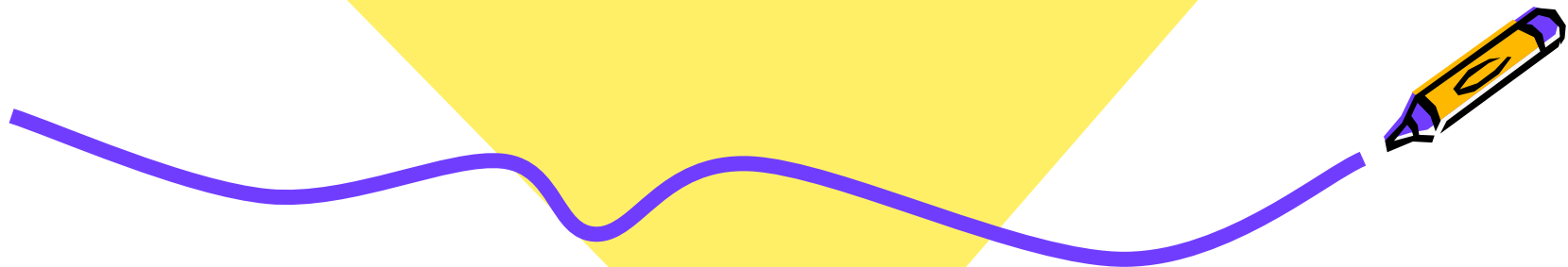
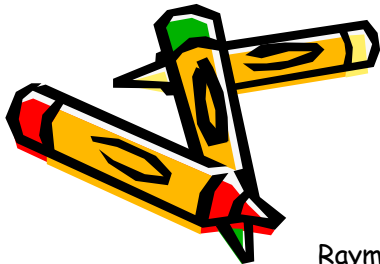
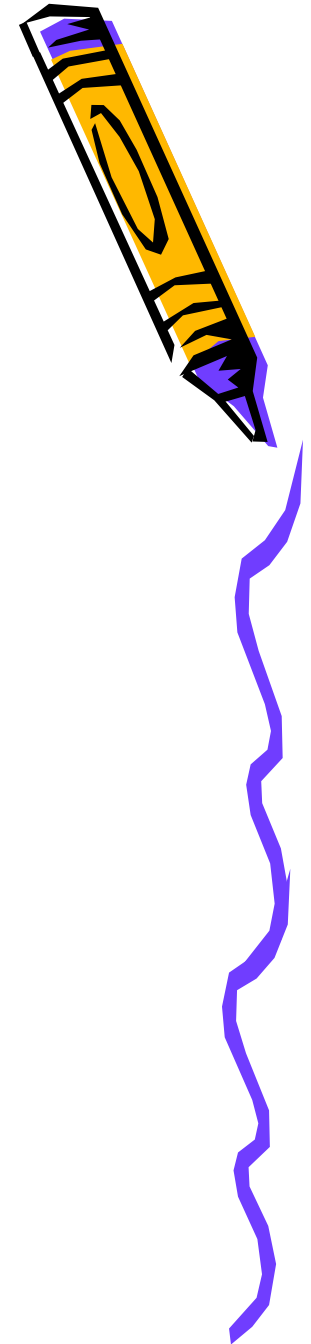


Noget om læring og perception



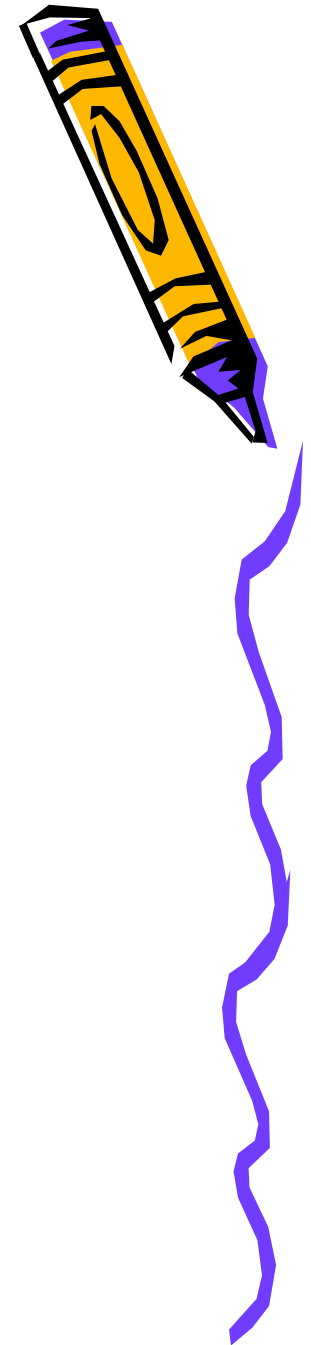
Hvordan lærer vi?

- Social adfærd?
- Uddannelse?
- Leg?

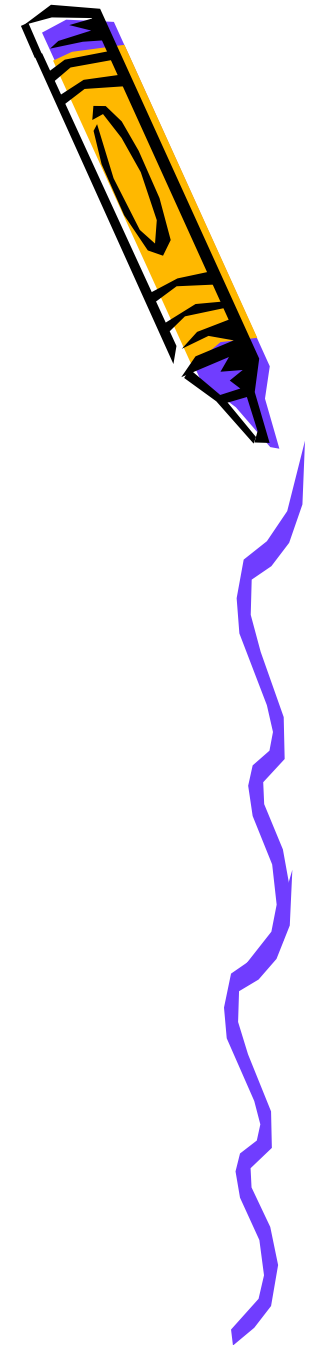
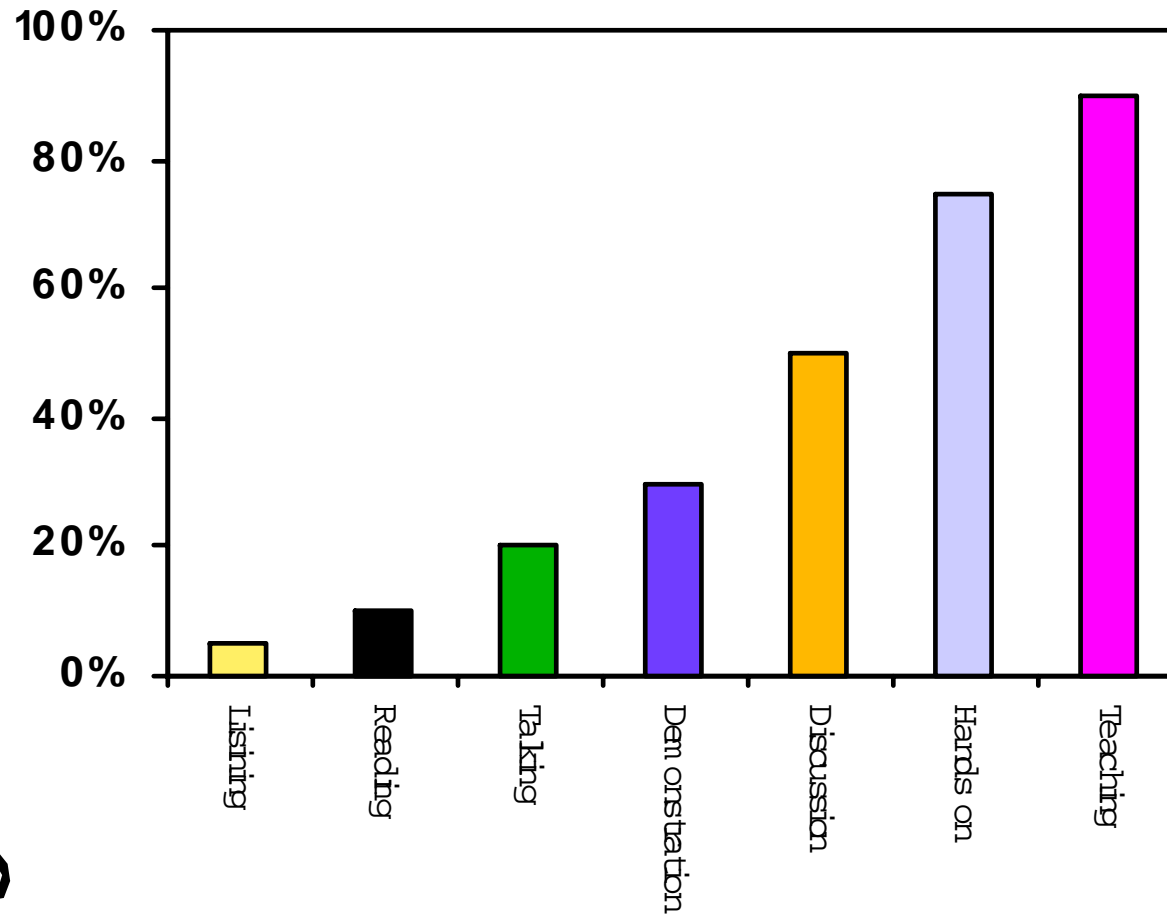


Læringsområder

- Viden
- Færdigheder
- Holdninger

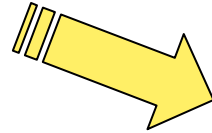


Effekt/læringstyper



Læring

Tale, Skrift,
Syn, Hørelse



Undervisning



Korttidshukommelse



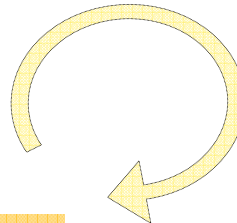
Gøre selv, gentagelse
og tilbagemelding



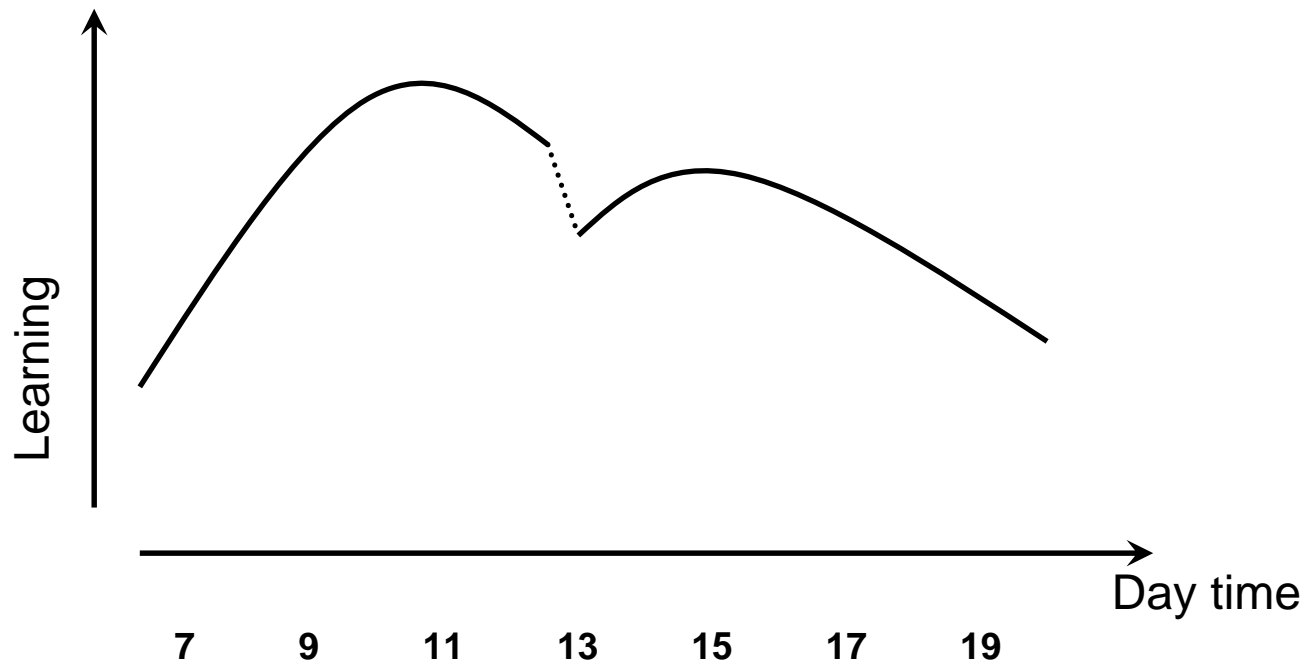
Langtidshukommelse



Man kan



Hvornår lærer vi?

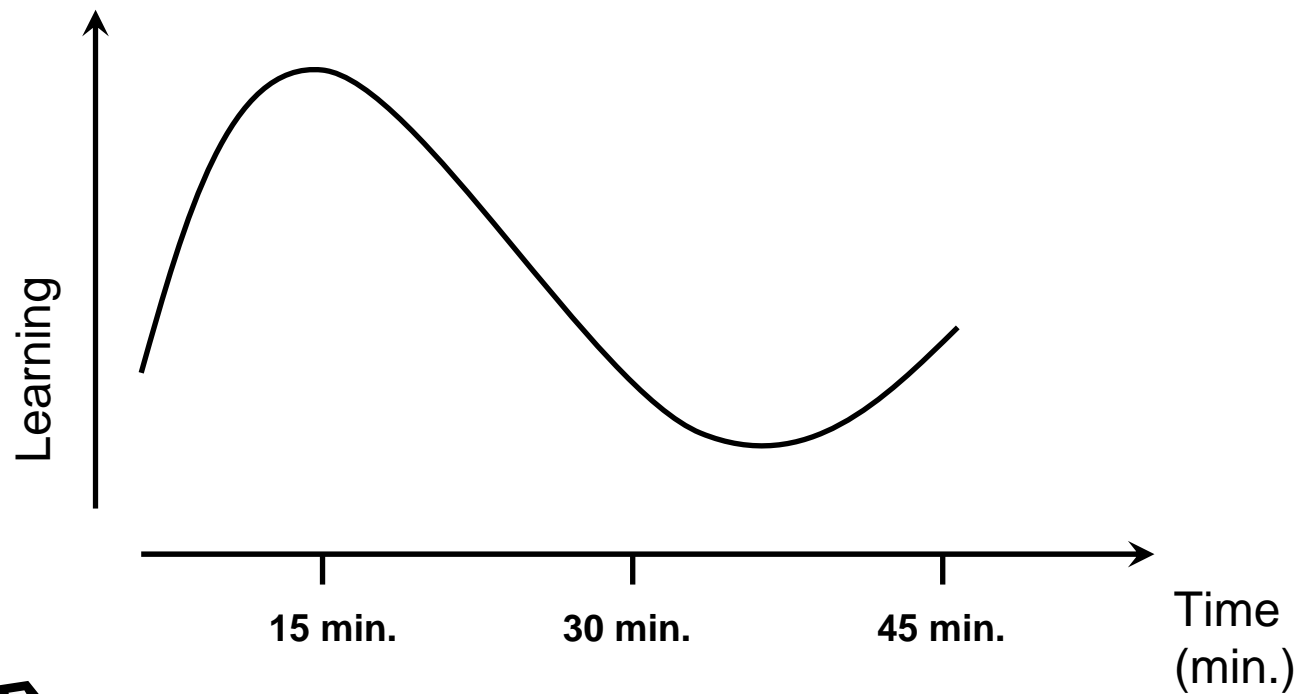


Undervisning i praksis,

af Forsvarets Center for Lederskab, Uddannelsesudviklingsafdelingen.

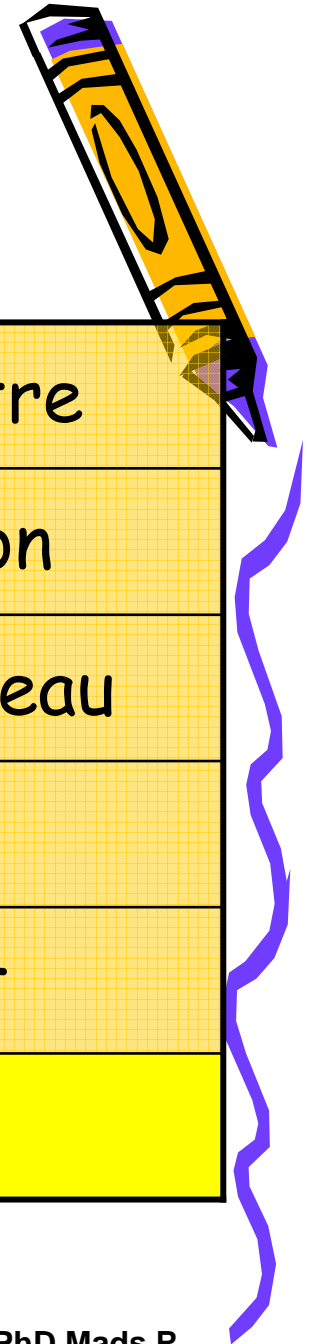
Raymond Kolbæk November 2006

Kursus i præsentationsteknik

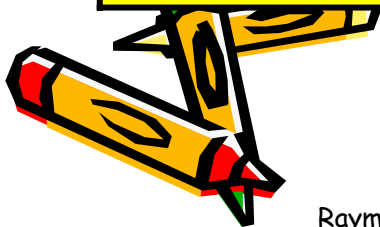


PowerPoint

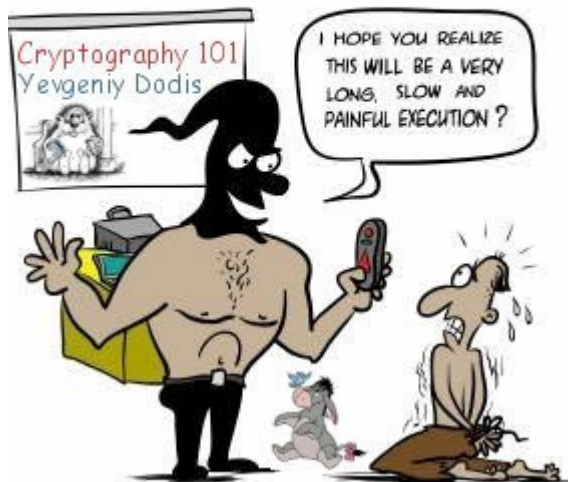
Styrker og Svagheder



Let at bruge	Svær at mæstre
Kan ses af mange	Lav interaktion
Hurtig uddannelse	Lavt læringsniveau
Giver overblik	For simpel
Pædagogisk	Edutainment
Death by PowerPoint	

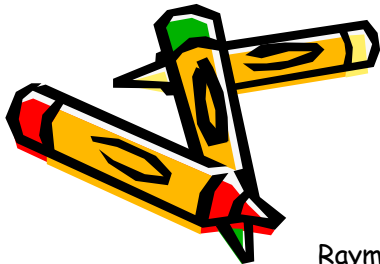
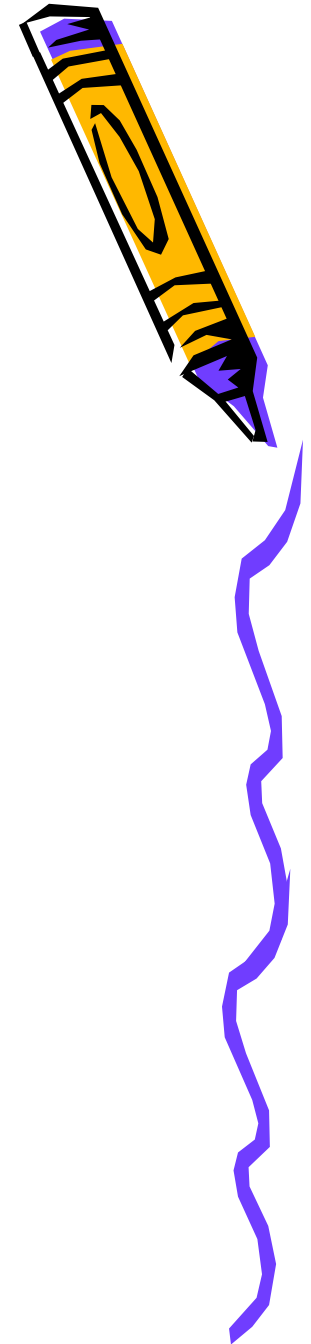


DEATH BY POWER-POINT



Hvordan gør man det bedst

- Brug flere sanser
- Brug din viden
- Stol på dig selv
- Kend dit publikum
- Vær
 - Forberedt
 - Struktureret
 - Klar
- Udstrål
 - Engagement
 - Motivation

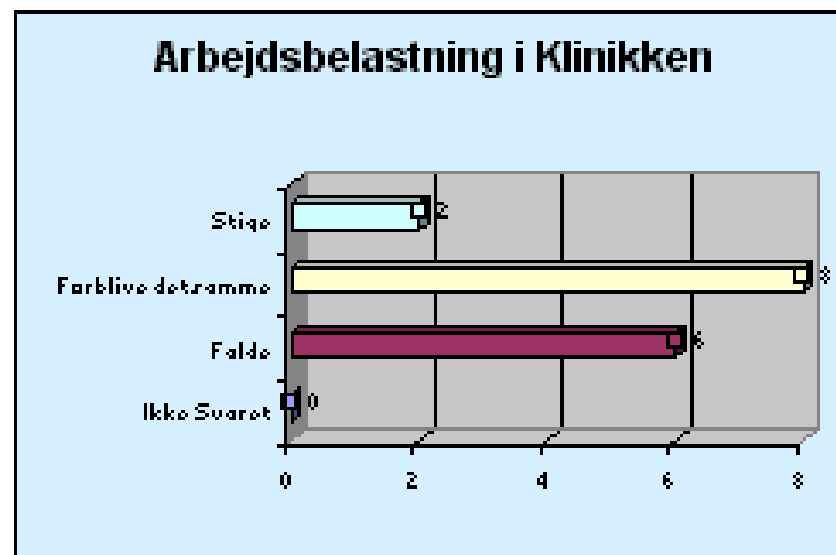


Grafer og Tabeller



	1980	1982	1984	1986	1988	1990	1992	1994	1995	1996	1997	1998
MKGU	65,5	62,0	63,5	68,0	69,5	68,5	68,5	75,0	75,5	78,0	78,0	80,0
KVU	4,5	5,0	3,5	3,0	3,0	5,0	6,0	4,5	5,0	4,5	5,0	5,0
MVU	19,0	19,0	17,5	16,5	19,5	21,5	21,5	30,5	30,0	32,0	30,0	29,0
LVU	5,0	5,0	6,0	5,5	7,5	9,0	7,5	9,0	10,0	12,0	11,0	13,0
VGU	28,5	29,0	27,0	25,0	30,0	35,5	35,0	44,0	45,0	48,5	46,0	47,0
Merkantil	18,0	20,0	22,0	26,5	24,5	19,0	17,0	14,0	14,0	13,0	12,0	13,0
Teknik	7,0	8,5	9,5	11,5	10,0	10,0	7,0	6,5	6,5	6,5	7,0	7,0
Sundhed	12,0	4,5	5,0	5,0	5,0	4,0	9,5	10,5	10,0	10,0	13,0	13,0
EFU	37,0	33,0	36,5	43,0	39,5	33,0	33,5	31,0	30,5	29,5	32,0	33,0
UKGU	34,5	38,0	36,5	32,0	30,5	31,5	31,5	25,0	24,5	22,0	22,0	20,0
HMSK	10,5	12,0	12,0	11,5	12,5	13,5	14,0	10,5	11,5	10,5	10,0	8,0
HUSK	24,0	26,0	24,5	20,5	18,0	18,0	17,5	14,5	13,0	11,5	12,0	12,0

Kilde: Undervisningsministeriets modelberegninger på grundlag af data fra Danmarks statistik



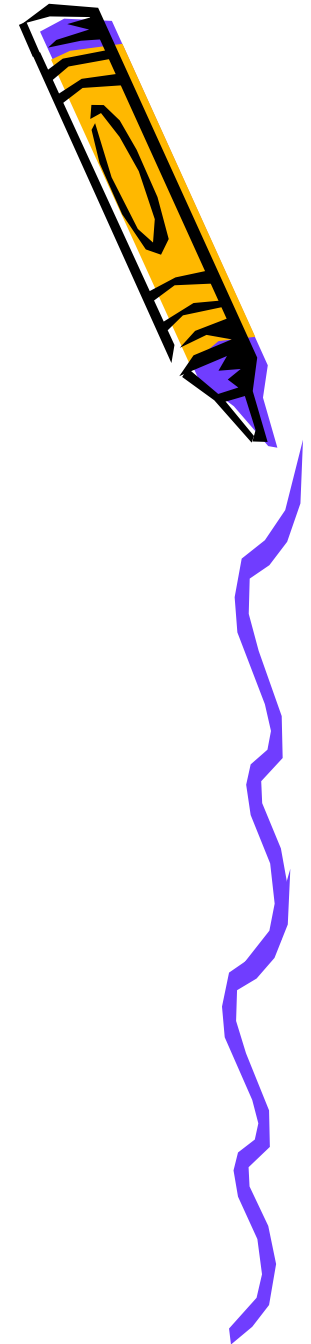
Hvad ser vi på?

- Mønstre
- Afvigelser fra det fælles
- Afstande mellem punkter
- Vinkler
- Arealer



Tabeller

- Brug dem kun når du ikke kan lave en graf
- Vanskelige at fortolke
- Ofte for mættede med information





	1980	1982	1984	1986	1988	1990	1992	1994	1995	1996	1997	1998
MKGU	65,5	62,0	63,5	68,0	69,5	68,5	68,5	75,0	75,5	78,0	78,0	80,0
KVU	4,5	5,0	3,5	3,0	3,0	5,0	6,0	4,5	5,0	4,5	5,0	5,0
MVU	19,0	19,0	17,5	16,5	19,5	21,5	21,5	30,5	30,0	32,0	30,0	29,0
LVU	5,0	5,0	6,0	5,5	7,5	9,0	7,5	9,0	10,0	12,0	11,0	13,0
VGU	28,5	29,0	27,0	25,0	30,0	35,5	35,0	44,0	45,0	48,5	46,0	47,0
Merkantil	18,0	20,0	22,0	26,5	24,5	19,0	17,0	14,0	14,0	13,0	12,0	13,0
Teknik	7,0	8,5	9,5	11,5	10,0	10,0	7,0	6,5	6,5	6,5	7,0	7,0
Sundhed	12,0	4,5	5,0	5,0	5,0	4,0	9,5	10,5	10,0	10,0	13,0	13,0
EFU	37,0	33,0	36,5	43,0	39,5	33,0	33,5	31,0	30,5	29,5	32,0	33,0
UKGU	34,5	38,0	36,5	32,0	30,5	31,5	31,5	25,0	24,5	22,0	22,0	20,0
HMSK	10,5	12,0	12,0	11,5	12,5	13,5	14,0	10,5	11,5	10,5	10,0	8,0
HUSK	24,0	26,0	24,5	20,5	18,0	18,0	17,5	14,5	13,0	11,5	12,0	12,0

Kilde: Undervisningsministeriets modelberegninger på grundlag af data fra Danmarks statistik

Erhvervskompetencegivende uddannelse. Køn: Kvinder, År: 1980- 1998

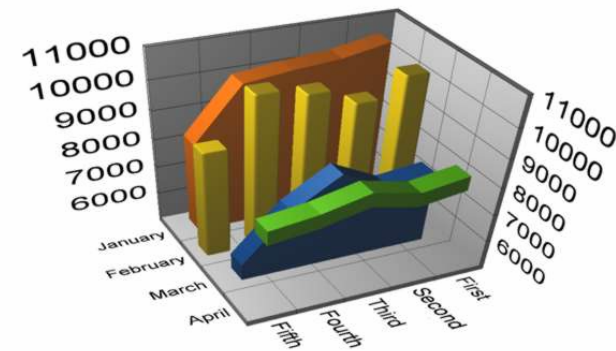


Grafer

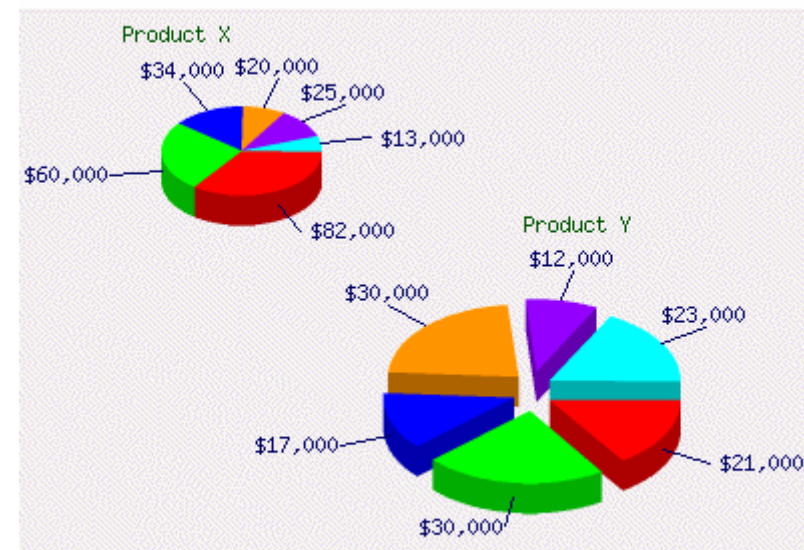
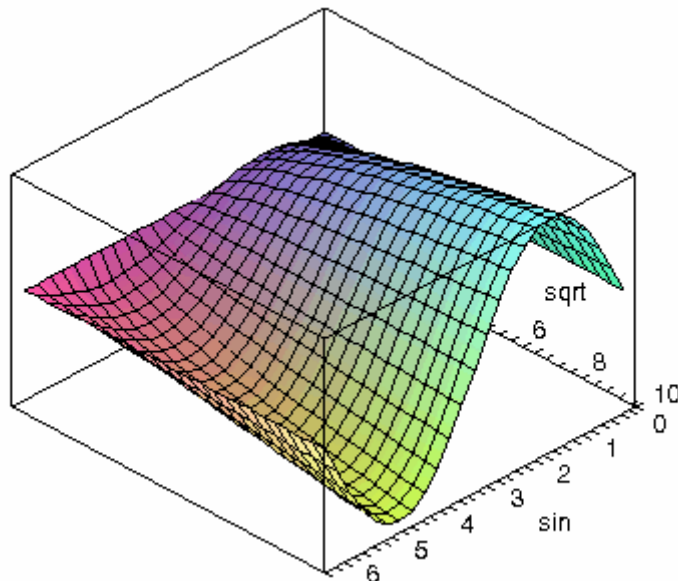


- Dataformatet bestemmer formen
- 2D
- 3D

Mixed Risers

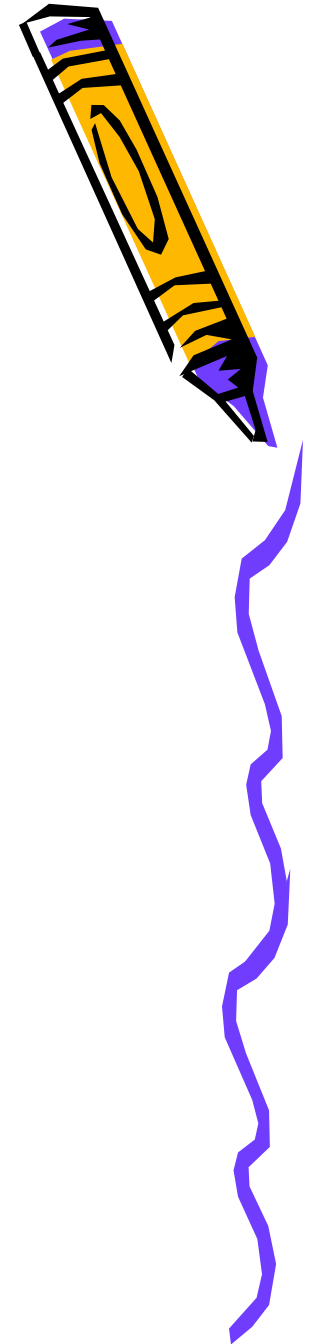


Monday, January 31, 2000



Billeder

- Siger mere end 1000 ord
- Dækker alle emner
- Stimulerer fantasien
- Kan anvendes mere eller mindre hensigtsmæssigt





Rigtige Nurser

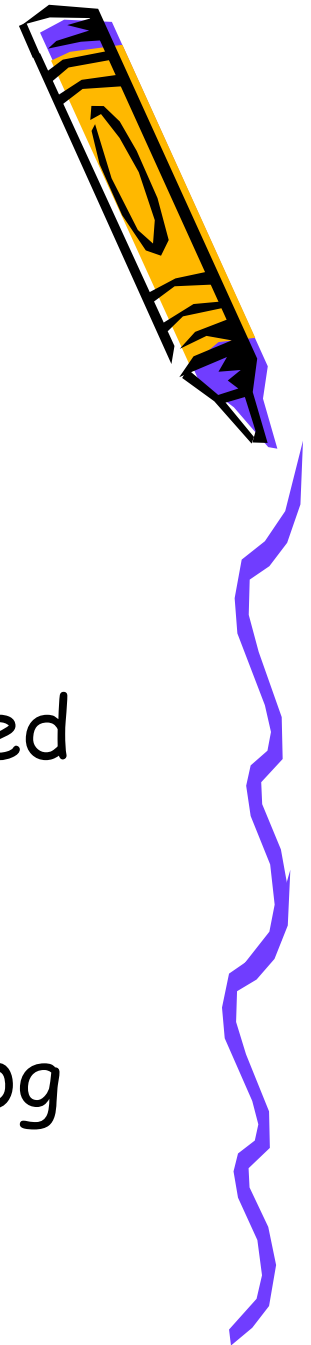


Levende billeder og lyde

- Animationer
- Effekter
- Musik
- Video

- Tager al opmærksomhed
- Huskes
- Kræver overvejelser og planlægning

Pas på effekter
De kan løbe løbsk



Animationer og lyd

- Gif - filer
- Flash - filer



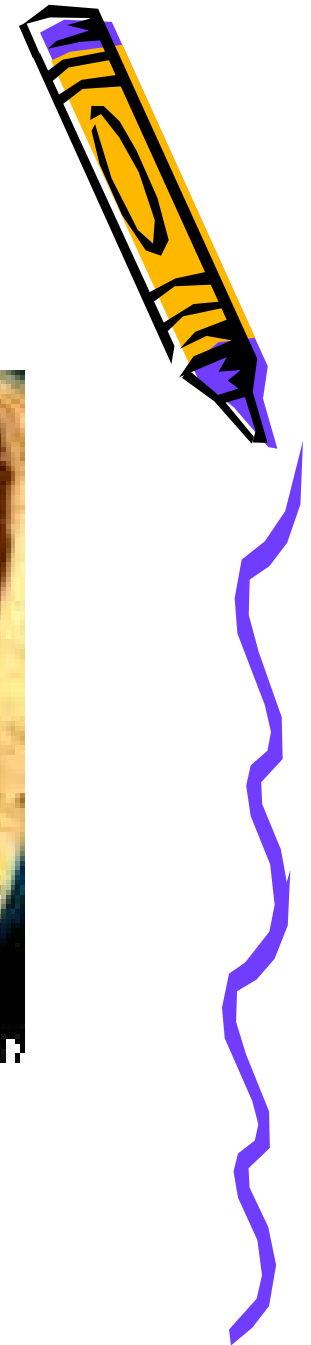
Mp3
Wav (Windows)
Cd
Rm (Real Media)
AAC (iPod)



Video

Formater

- avi
- mpeg
- mov
- rm



Husk

- **Vær**
 - Forberedt
 - Struktureret
 - Klar
- **Vis**
 - Begejstring
 - Motivation
- **Fokuser på**
 - Tiden
 - Publikum

