Learning My Way & AI

Our new friend in Education



Some Promising Applications For Teachers and Students

Marc Cleiren -

Head Personal Development Centre AI Integration Officer Leiden University FSW

Where we are now..



PrAla Leiden





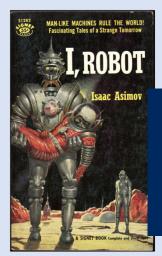


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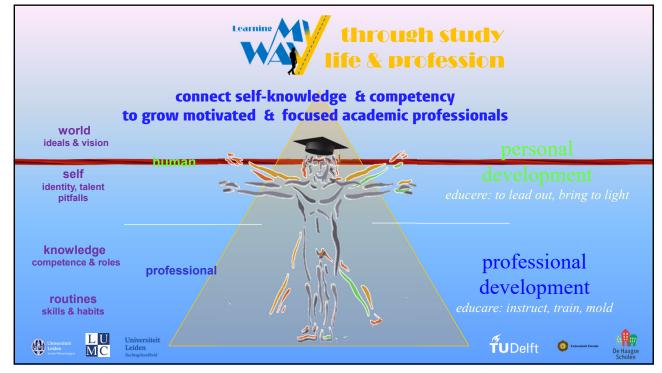


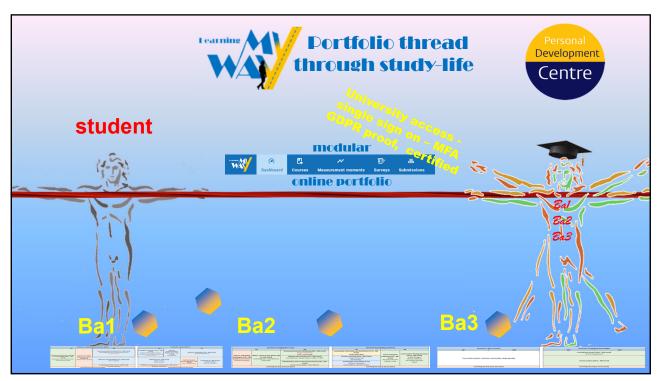
Summer 1972 Renesse, Netherlands

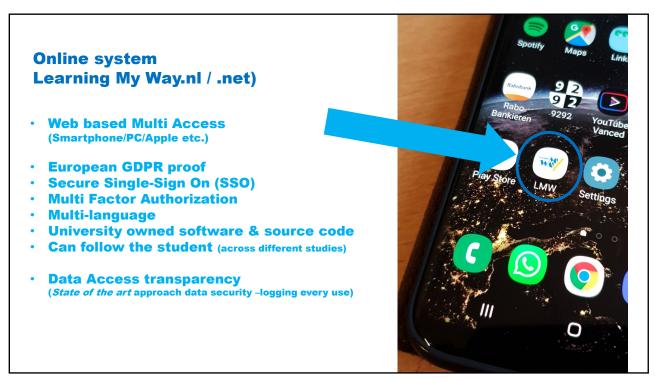


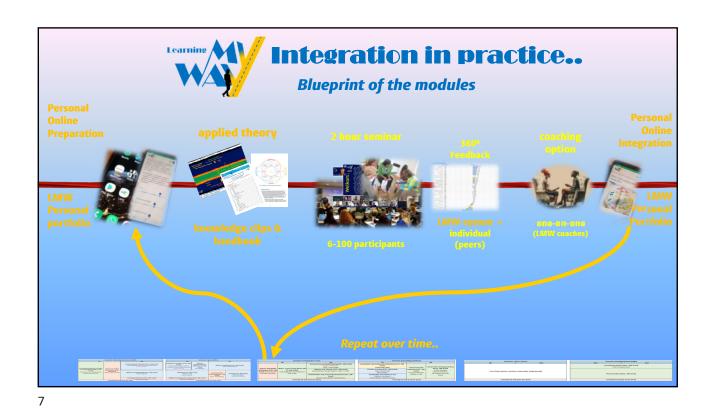












Exploring Mission
Passion Vocation
& Profession

Online Post integration Learning My Way

Core Purpose Diagram

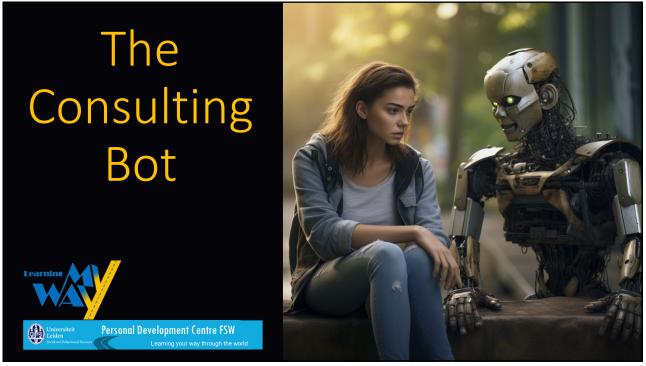
Upload picture of any work immediately into LMW portfolio

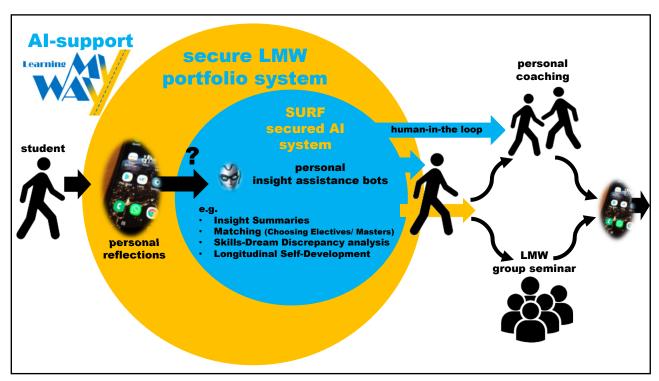


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- clues to why & how -

Marc Cleiren - Julian van der Kraats - Jaap van den Herik - Peter van der Putten

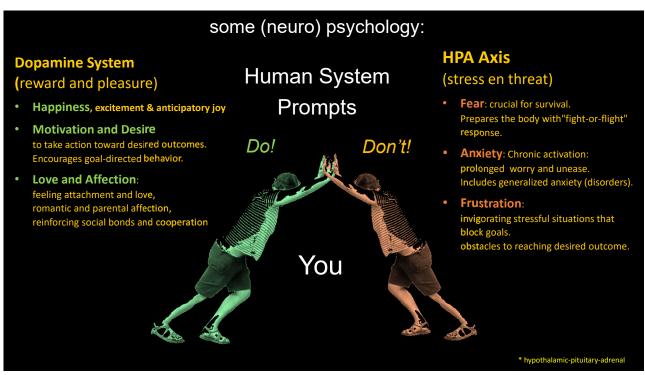


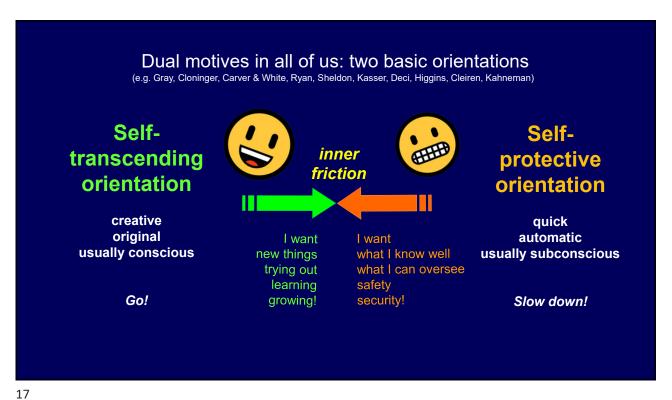




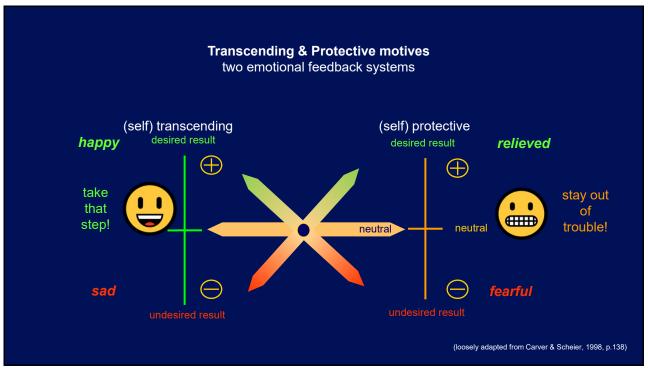
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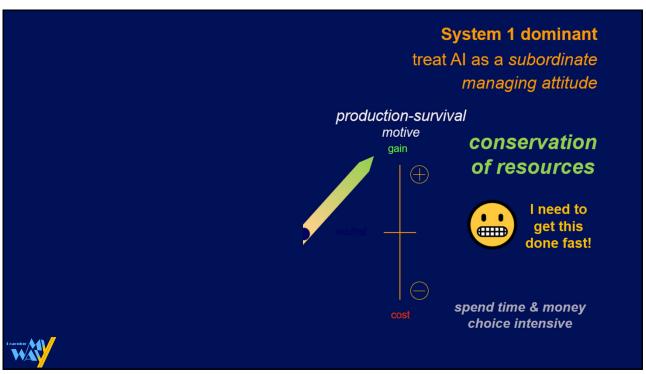


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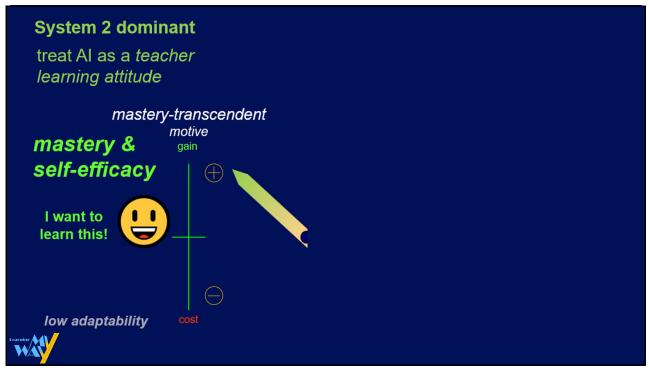
AI use when our students get stressed..

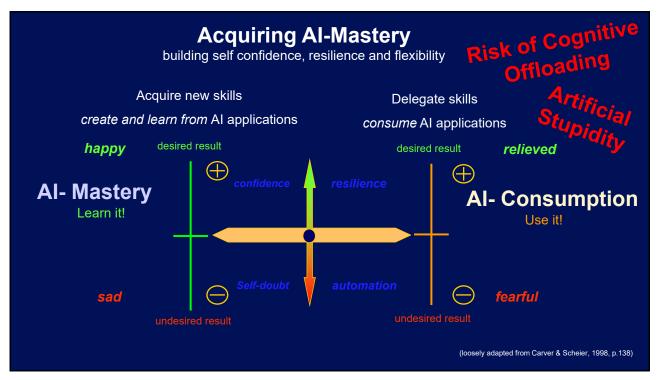




AI use when our students are relaxed...







A push toward a learning mindset: Honours Course AI – Understand & Create



Some experiences:

- In a competitive environment, students tend to behave as managers rather than learners: commanding AI for efficiency purposes rather than mastery.
 This causes 'cognitive offloading' of academic skills and impedes mastery learning.
- 2. To counter this, it helps to **reorient teaching strategies** (promote *mastery* over *efficiency*) and testing (*progress* reward over *outcome* reward). This also leads to better final product quality.
- 3. Effective student mastery learning should **resemble modern extended training of LLM's.** This implies challenge students to themselves practice Chain of Thought (CoT); Reward Learning with Human Feedback (RLHF; in this case teachers & classmates) and AI Feedback (RLAIF).





