

Planning for more flexible learning-4D Learning

MOVING FROM 2D TO 4D LEARNING

What are we looking at:

- ▶ **Carol Dweck** says that fixed mindset people tend to become “scarred” after failures because they interpret failure as a lack of ability. And since they don’t think they can grow any skill, they will avoid trying again in the future.
- ▶ Think of the current state of education and what we want to achieve, is it how we envisaged teaching this century?

The three sacred i's

- ▶ **Intent**
 - ▶ **Implementation**
 - ▶ **Impact**
-
- ▶ The intent of today is to build your skills and knowledge of different high tech High challenge learning styles and for you to make a decision about how you would implement these into a flexible learning school.
 - ▶ The implementation will be how you use this this learning to develop the structure for students learning going forward.
 - ▶ The Impact is to develop students of this millennium, learning which utilises all of the tools of this millennium

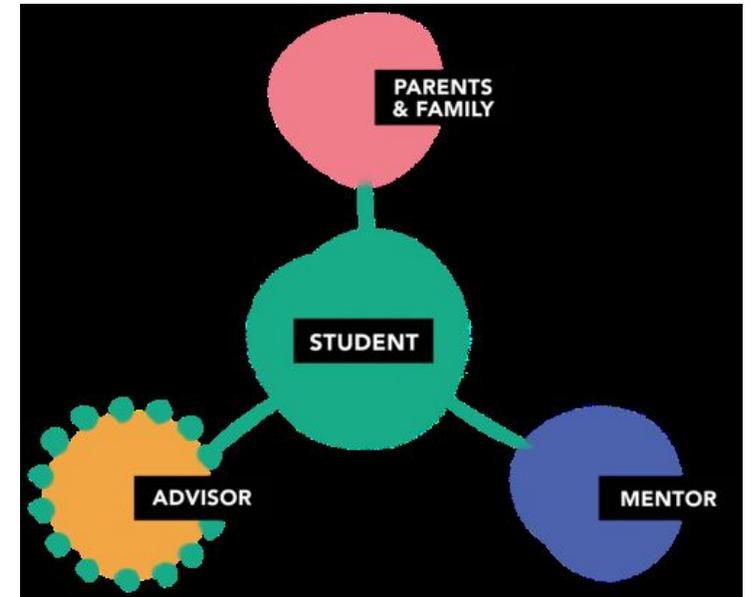
Hahn-The Five Pillars

- ▶ **An enterprising curiosity.**
- ▶ **An indefatigable spirit.**
- ▶ **Tenacity in pursuit.**
- ▶ **Readiness for sensible self-denial.**
- ▶ **And above all, compassion.**



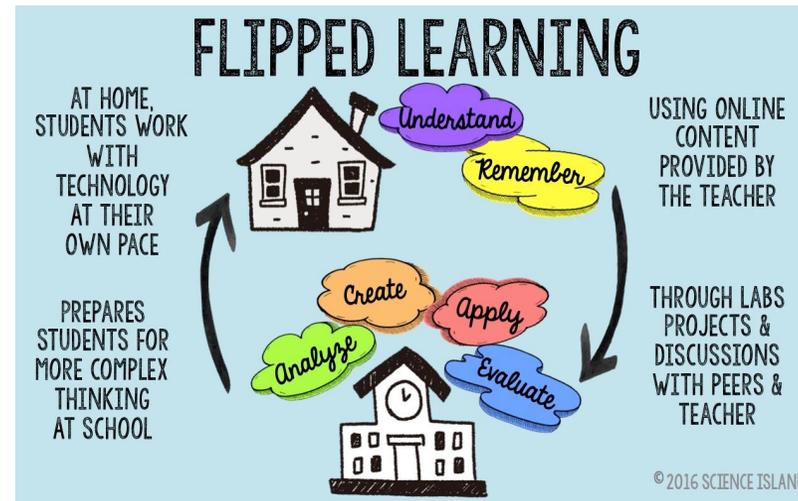
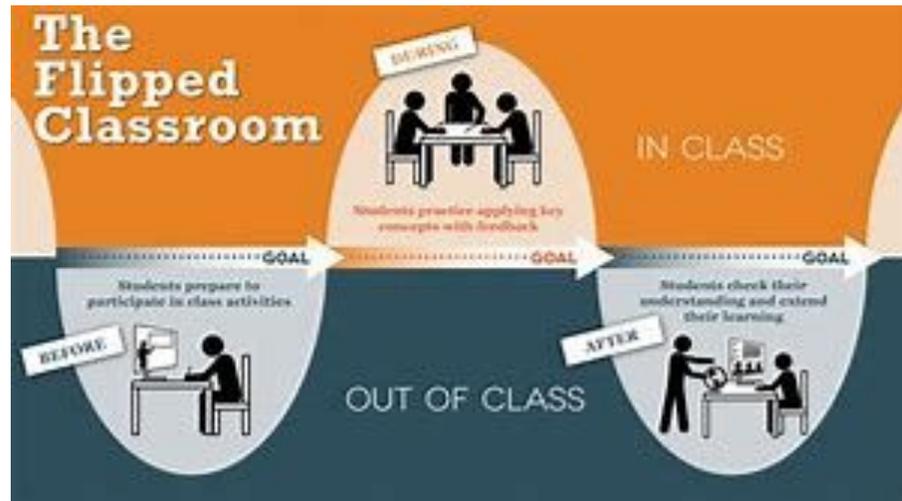
Big Picture

- ▶ **Big Picture Learning**
- ▶ How does it work?
- ▶ The student works with their advisor to identify a Real-World Learning opportunity that aligns to their passions and interests.
- ▶ They both work with a mentor from the host organisation to design a project that is:
 - ▶ rigorous, engaging and authentic;
 - ▶ connected to the curriculum and the personalised learning goals of the student;
 - ▶ of value to the partner organisation and/or the broader community



Flipped Learning

- ▶ **Flipped Learning** is an approach that allows teachers to implement a specific methodology or various methodologies within their classrooms. The terms “**flipped classroom**” and “**flipped learning**” are not interchangeable



Expeditionary Learning-EL

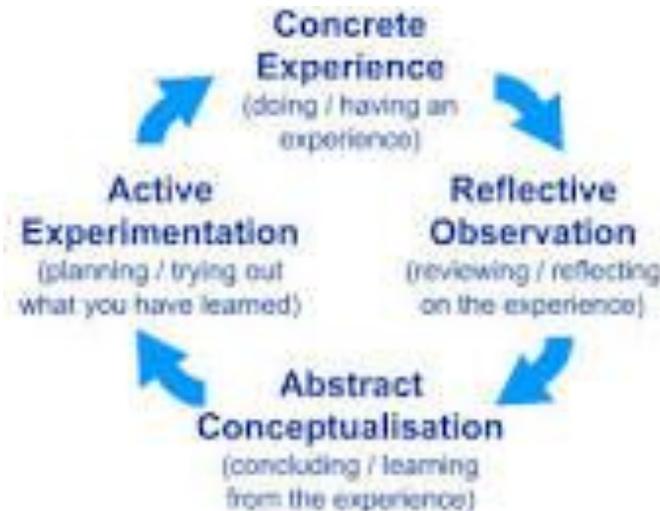
- ▶ **Expeditionary Learning** is an educational system that differs from traditional systems in three main ways: In **Expeditionary Learning** schools, students **learn** by conducting "**learning** expeditions" rather than by sitting in a classroom being taught one subject at a time.

“Learning by Doing”

- ▶ Mastery of Knowledge and Skills
- ▶ Character
- ▶ High-Quality Student Work

Longitudinal Learning

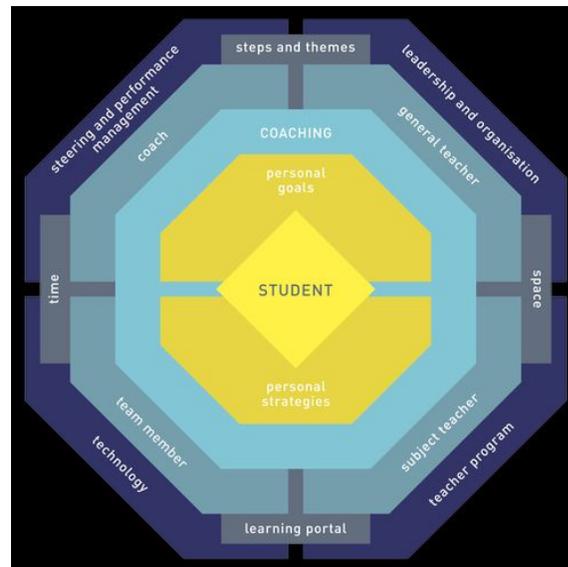
- ▶ This is a concept forged from Assessment for Learning, where students review and establish criteria for their work, set short term targets, and then use a series of building blocks of work to create one final summative piece of work for assessment. The core concept is the formative use of summative assessment.



Kolb learning Cycle

Kunskapsskolan

- ▶ **KED personalise each student's education according to their individual needs and abilities. All resources in the school are carefully designed and organized around the student in a complete and coherent system – the KED Program.**



Moving into the 4D Age

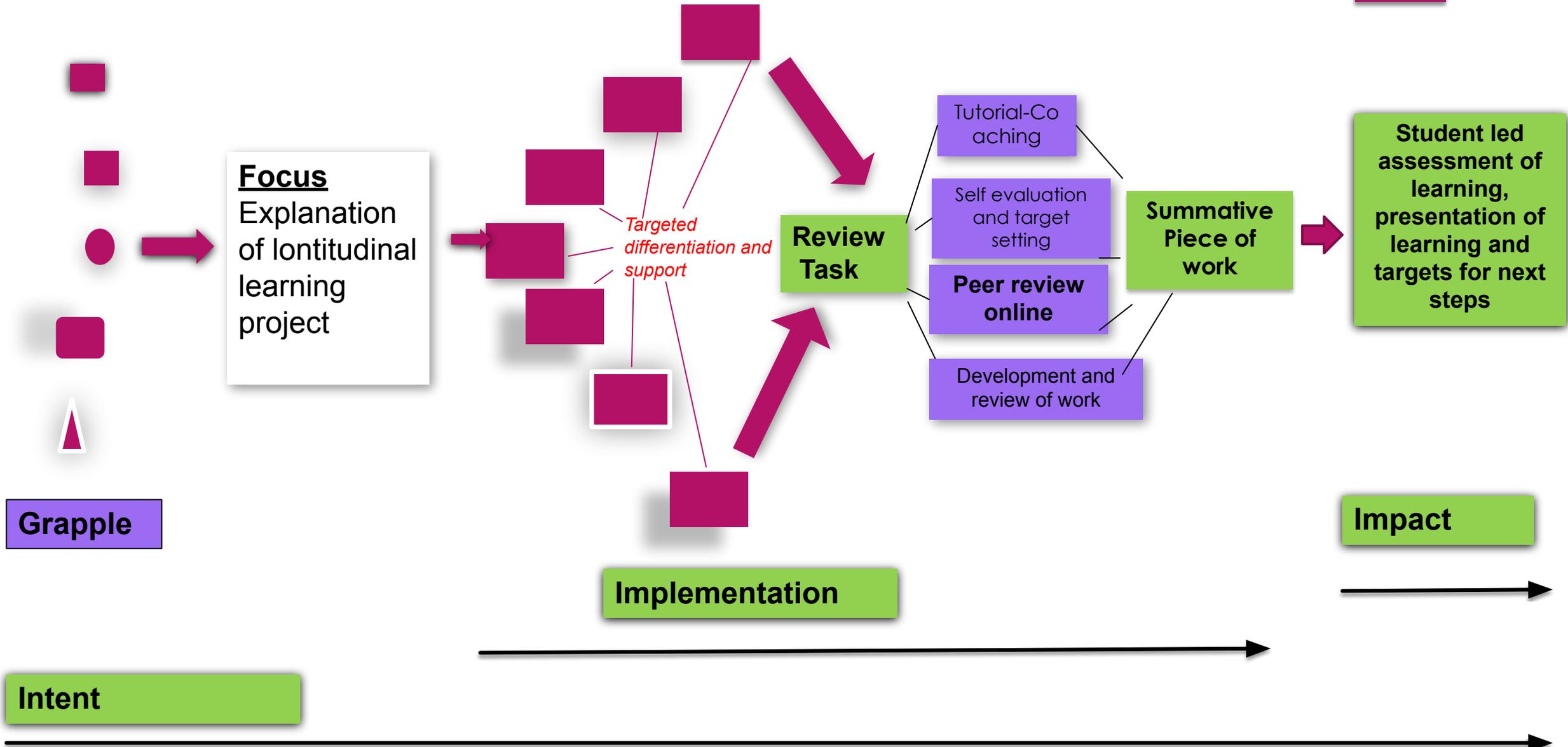
Schooling in a non traditional sense (traditional is 2D, using independence and IT 3D):

- ▶ Home
- ▶ Independent Learning-online and through tests to assess learning
- ▶ Face to face teacher time
- ▶ Researching and therefore problem solving and refining employability skills
- ▶ Online tutorials
- ▶ Students led evaluations of work and progress

So what is the 4D bit?-Time, linking independent working allows the learner to work when they are at their best linked into formal sessions.

4D Learning

Tasks online, research, skills development, in class, at home, ILC

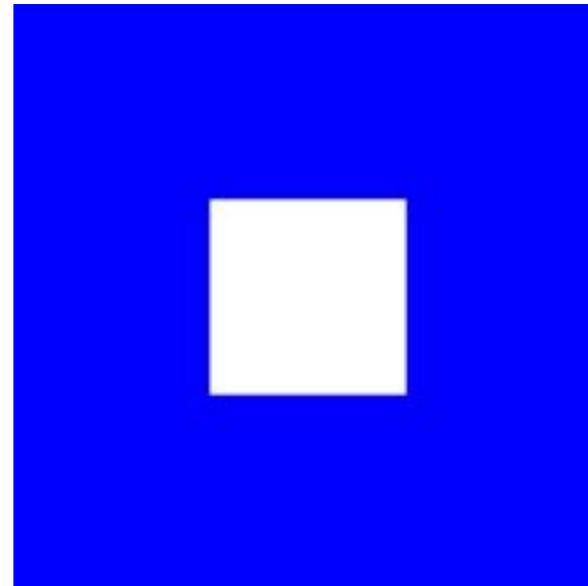


So what does this mean for us?

- **Project lessons have been in Humanities for two years now and EL inspired work for three years with the boys project plus SLCs**
- **Moving BTEC learning into more independent and tutorial**
- **The setting out of the learning for a module so the learner takes control of their own learning**
- **Embracing technology-not just Teams but it will provide a platform**
- **Shifting the emphasis on working from the teacher to the student**
- **Empowering the learner but making them accountable to parents and teachers for their work**
- **Allowing students and teachers to work when they best work and not always face to face, the workplace a students enters will be very different and we will be preparing them for it.**

I am Outward Bound

A ship leaving a harbour on a voyage will fly a flag called the Blue Peter to show it is Outward Bound. It is going forward onto its voyage. If we have a growth mindset and think about the opportunity we are being given today, we are going forward and we have the opportunity to change the way we educate others. We will all fly the Blue Peter and be Outward Bound in our thinking.



Links

- Carol Dwek- <https://www.mindsetworks.com/science/>
- Big Picture schools-<https://education-reimagined.org/map/big-picture-learning/>
- AFL-<https://cambridge-community.org.uk/professional-development/gswafl/index.html>
- Kurt Hahn 5 pillars-<http://www.kurthahn.org/>
- EI Education-<https://eleducation.org/who-we-are/our-approach>
- kunskapsskolan-
<http://www.kunskapsskolan.com/thekedprogram.4.1d96c045153756b0c14d5798.htm>