

# EDgility



Bill Tihen  
Garaio REM  
[william.tihen@garaio-rem.ch](mailto:william.tihen@garaio-rem.ch)



Paul Magnuson  
Moreland University & Leysin American School  
[pmagnuson@las.ch](mailto:pmagnuson@las.ch)



# Bill - Exploratory Education

## Engineer & Teacher

- STEM topics
- Applied learning

## School IT Management

- Lean - pull & smallify
- Agile - Collaboration & adjust

## STEM Learning/Teaching

- Interesting & Uplifting
- Exploration & Constraints
- Self-Guided (with coaching)



# Paul - Teacher and Student Agency



## **Summer Camp Director**

- Learning is loosely structured
- Go with the flow

## **Action Research as PD**

- All teachers are leaders
- Small cycles for reflection

## **Innovative teaching**

- Slack! Students need time and space
- Litmus test? Can a teacher go get coffee without the students noticing?!

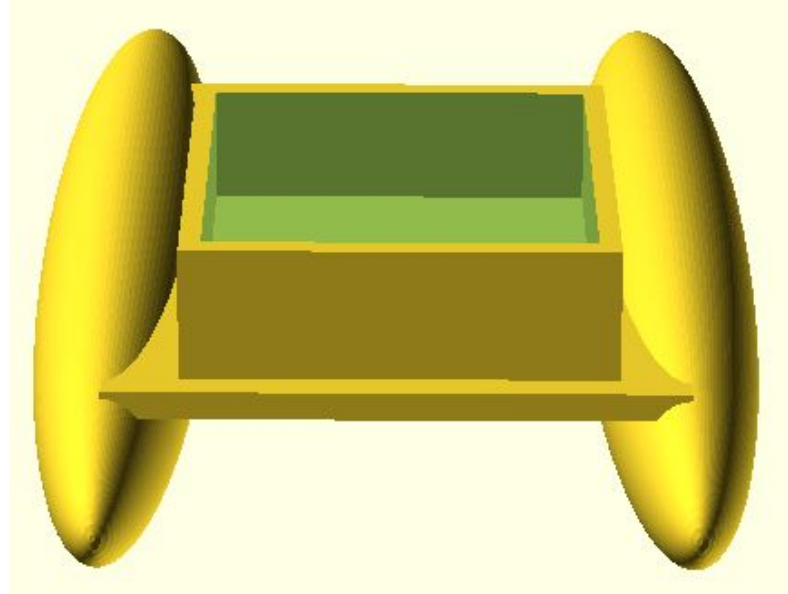
# Boat Design Class

## Middle School STEM

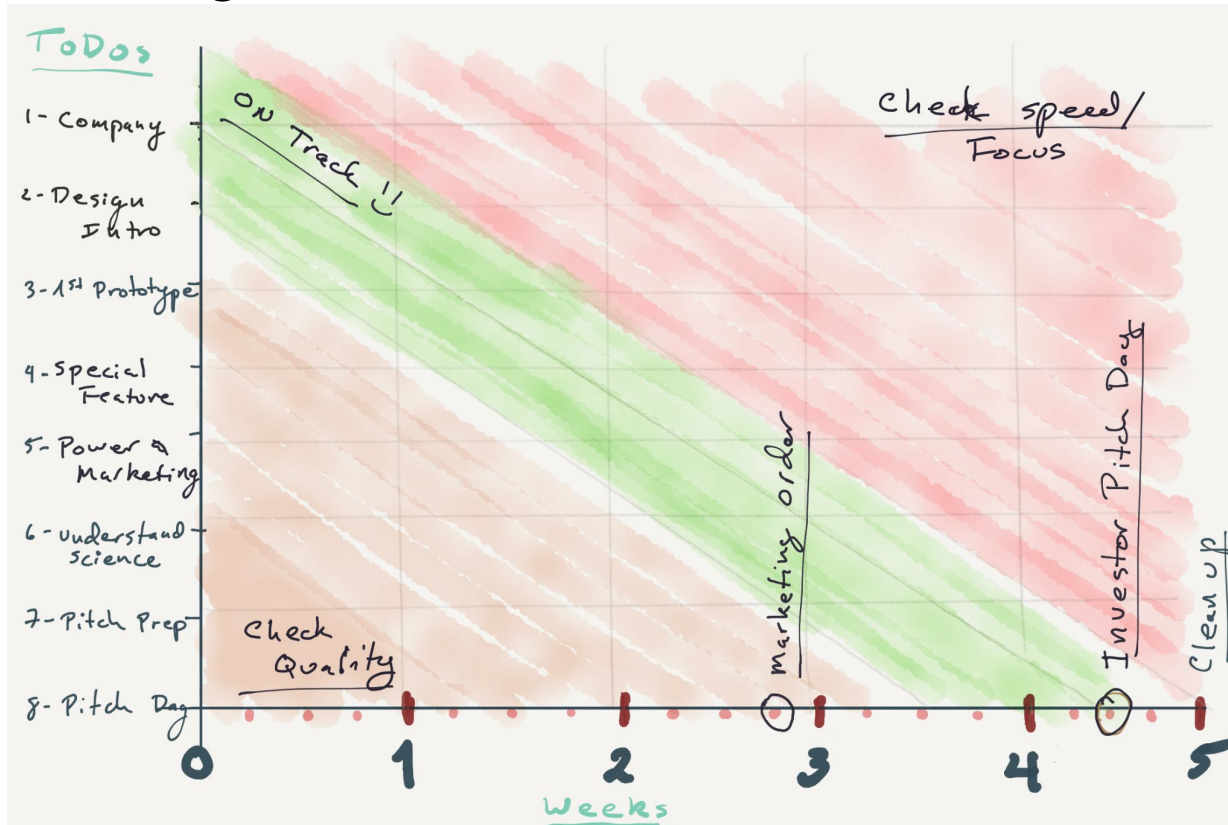
- Exploration & Adjust
- Design Constraints
- Natural Assessment
- Student Value & Context
- Accepting Ideas / Feedback

**Projects** mix: Academic & Social Topics

[https://peakchallenges.ch/publication/ecis\\_designed\\_to\\_float\\_your\\_boat\\_article/](https://peakchallenges.ch/publication/ecis_designed_to_float_your_boat_article/)



# Progress Tracker



## Team Mini-Exit Interview

- Update Progress
- Mini Retro
- Next class goal
- **DONE** requires an external contribution

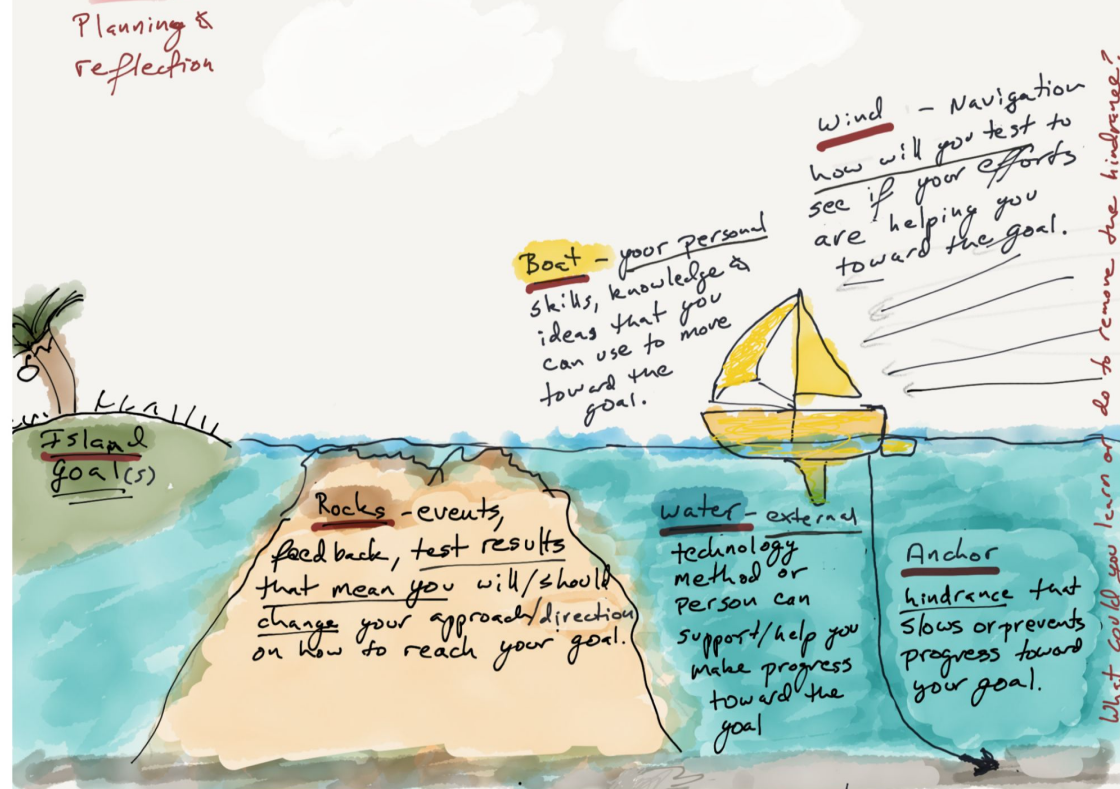


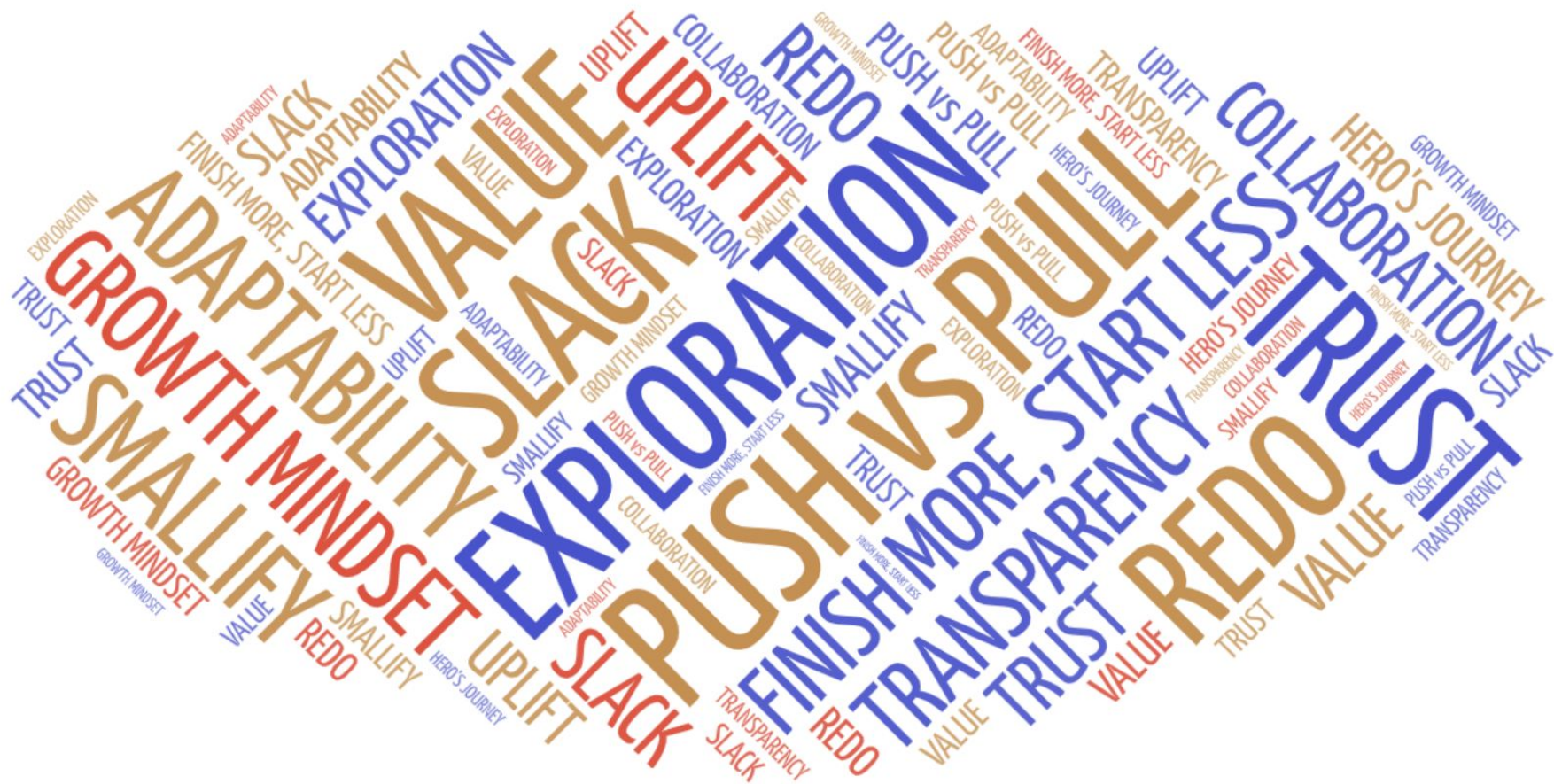
# Self-Assess & Adjust

## Daily/Feature Wrap-up

- What works well?  
Will more be helpful?
- What's doesn't work well?  
Can it be changed?
- What is open & flexible?  
What is constrained?
- What's the next small step?  
What experiment is next?

Applies academically & socially





# EDgility (<http://edgility.school>)

## Values

- GROWTH
- EXPLORATION
- SELF-REGULATION
- LIFEWORTHY LEARNING

## Practices

- GROWTH MINDSET
- EXPLORE & ADJUST
- VALUABLE CONTEXT
- UPLIFT & COLLABORATE
- ...



**We aren't finished** - we continue to explore engaging, life-worthy learning.  
There is value in many **values & practices**, we just prioritize these over others (so far).



# Further exploration

Pulling Agile into Education (overview) - [www.las.ch/laser](http://www.las.ch/laser)

Agile for Education (intro course) - [www.agilefored.com](http://www.agilefored.com)

eduScrum (example methodology) - [www.eduscrum.nl/en](http://www.eduscrum.nl/en)

Agile Resource Consortium for Schools (history +) - [www.arcforschools.org](http://www.arcforschools.org)



**Bill**

[btihen@gmail.com](mailto:btihen@gmail.com), [william.tihen@garaio-rem.ch](mailto:william.tihen@garaio-rem.ch), @btihen,  
<https://www.linkedin.com/in/bill-tihen>

**ED***gility*

**Paul**

[pmagnuson@las.ch](mailto:pmagnuson@las.ch), [www.MagnusonEdStudio.ch](http://www.MagnusonEdStudio.ch)