



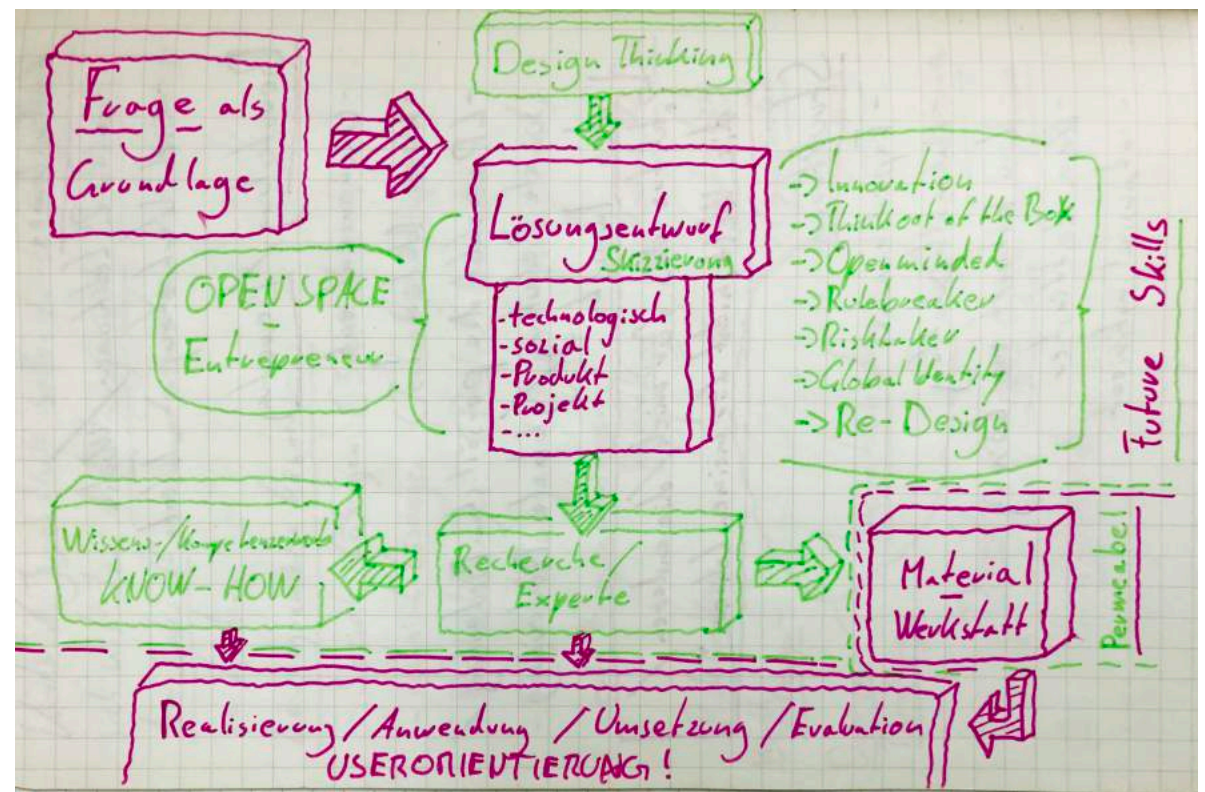
Volksschulgemeinde
Wigoltingen

MAKERSPACE

Impulse 2015 – Why making in school?

«Because we are convinced: You cannot prescribe the joy of innovation, it has to be lived. It needs a high priority that is visible and noticeable to everyone. And that only works in an environment in which employees can dare to ask questions that may at first sound naive, even childlike. At first, many ideas seem absurd. But that's part of it. Developing ideas, taking problems apart or questioning basic assumptions are important parts of creative thinking. To get it going, you need the courage to have confidence in your own ideas. And this self-confidence only arises in an atmosphere that allows it and encourages people.»

(Frederik Pferdt, interview with Brandeins Magazine, 2016)



Change of culture: Organization

Commitments

As an employee of a school, I see myself as part of an innovative and future-oriented educational organization.

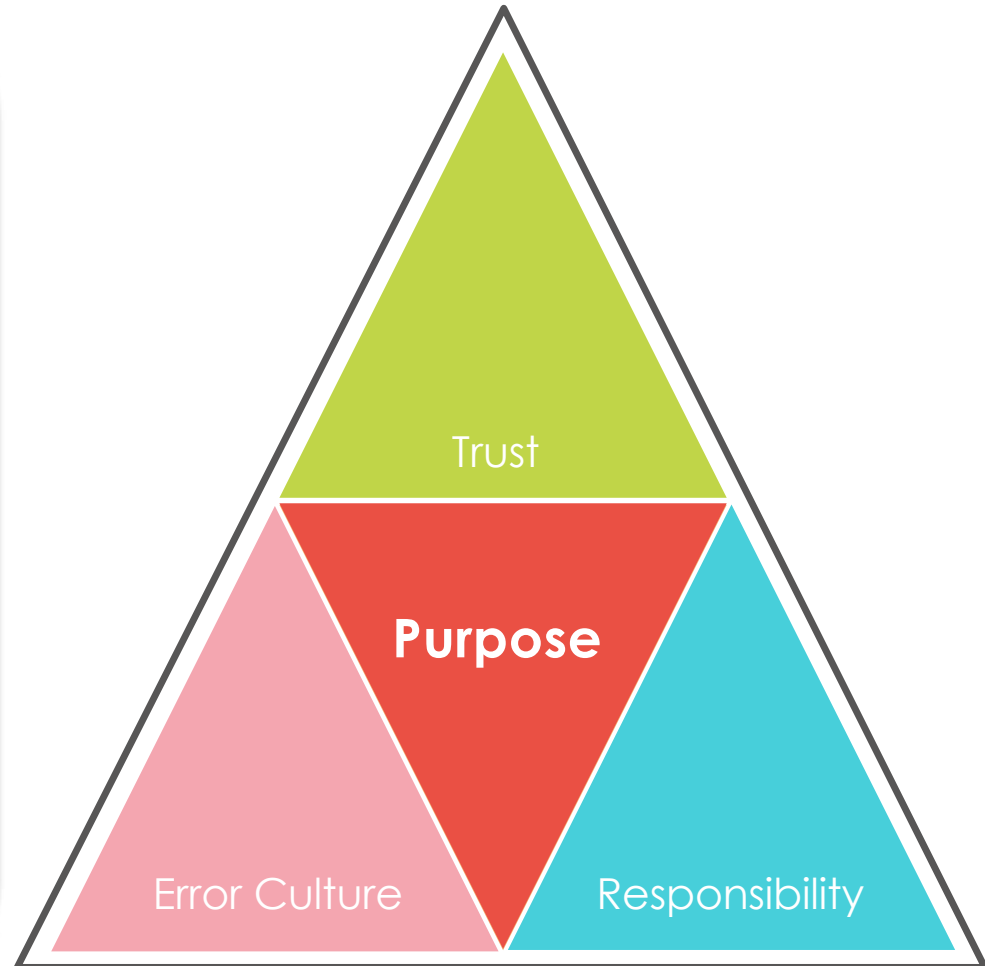
I want to develop my potential and give our work meaning and effectiveness.

I see myself as part of an overall organization with many people for whom I take responsibility and get involved.

I have confidence in the people I work with.

I contribute to a community culture that I can get involved in and with which I can identify.

I am a representative and ambassador of our school.



Change of culture: learning & education

hierarchy → network
interia → agility
requirements → spaces



organization

control → personal responsibility
manager → creator
supervision → trust



role of principals

consuming → producing
subjects → projects
Lock steps → individualization



teaching & learning

instruction → collaboration
lone fighter → teamplayer
tradition → innovation



role of teachers



The „MutAusbruch“

*...you may have an outburst
of courage at anytime. But
then you have to begin
beginning...*

Pilotproject in Canton Thurgau

Partnership



Lehre Weiterbildung Forschung



4 more schools
in Thurgau

Inductive Project in Wigoltingen

- 3 years & 3 stages -

20/21 – Project-Stage

- Workshops
- Concepts
- Budgets

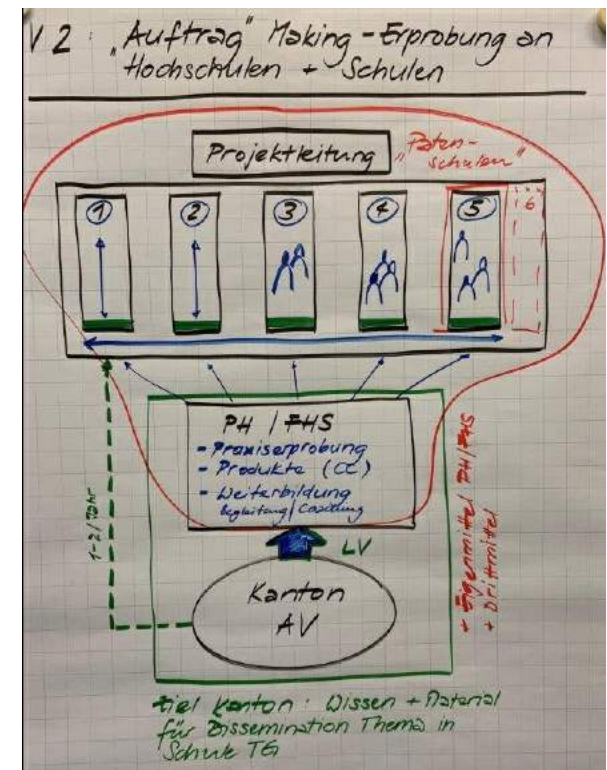
21/22 – Pilot-Stage

- Non obligatory offers (from grade 5)
- Sharing experiences with other schools in Thurgau

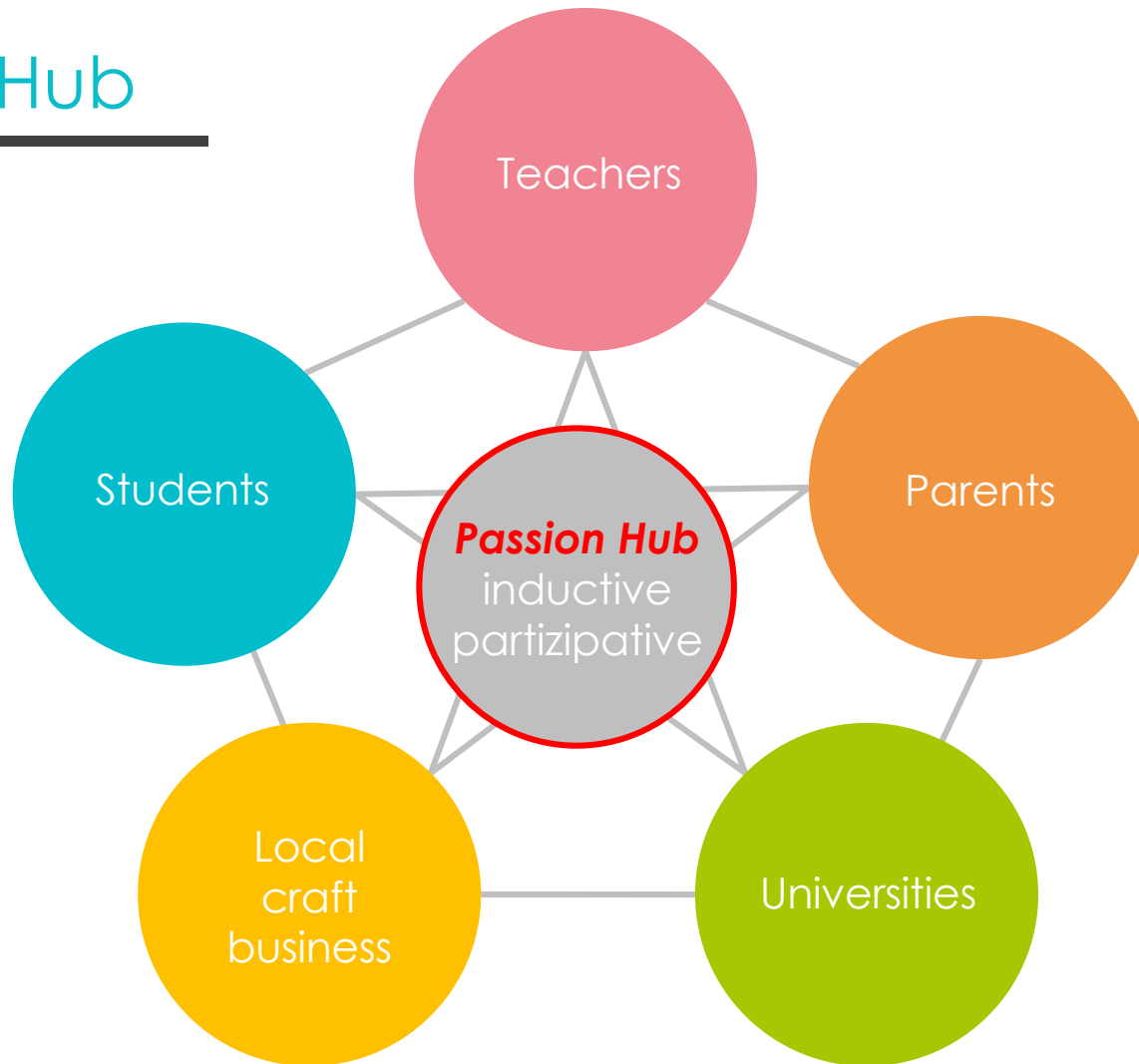
22/23 – Implementation-Stage

- Implementation of making-settings in regular lessons

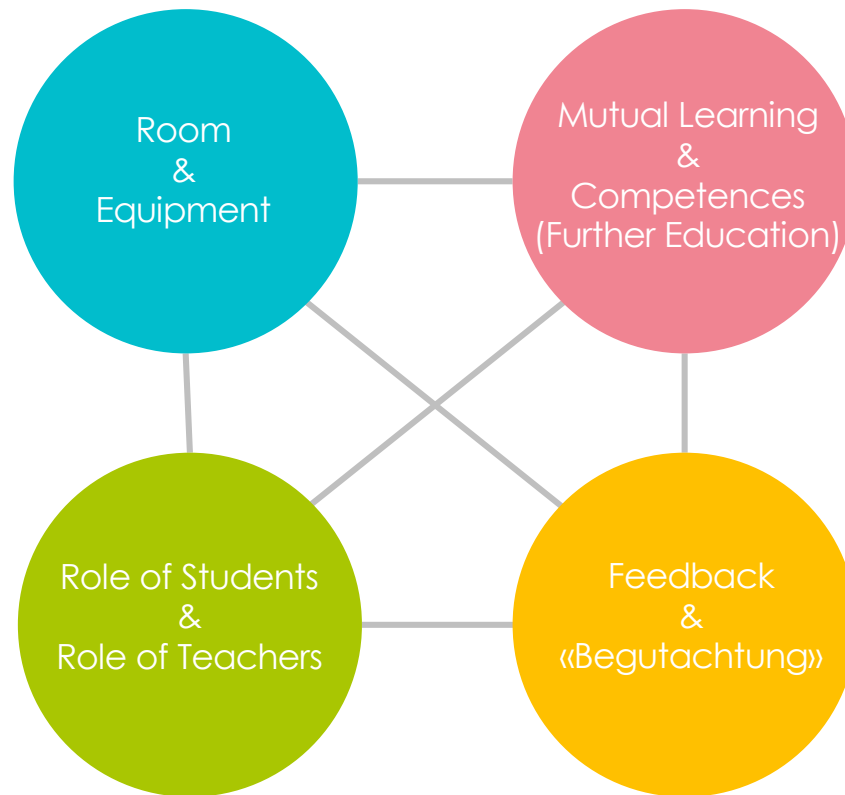
Projectorganization



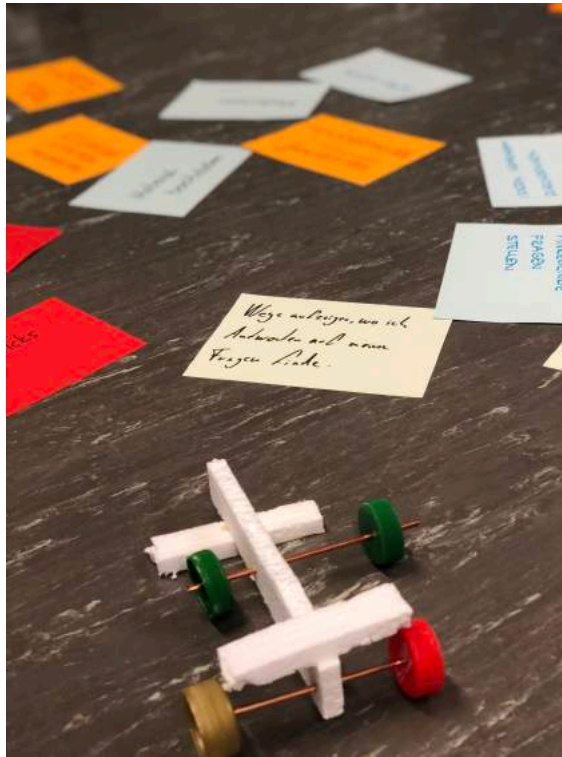
Our Passion Hub



Our Topics & Working Areas



Workshop with teachers & local craft business



From the pulley to the cable car – The kindergarden express



Code your cactus



Automatic vertical indoor garden



Vertical garden in the classroom

- 2 pallets on the wall
- 4 rows of plants per pallet
- Plastic bottles as plant pots
- Drainage system for excess water under each plant pot
- Channel as an overflow under flower pots
- Water tank on the ground for irrigation
- Automated irrigation system with hose system (drip system)
- Controlled by mini PC on the wall in a plexiglass box (Calliope)
- Electricity generation by wind turbine or solar panel on roof, connected to a car battery

Projectteam

- Responsible: Michael (Teacher) & Philipp (Principal)
- Botanic: Selina (Gorilla Schulsportprogramm)
- Construction: Beat (local craftsman)
- Technology & Programming: Alex & Björn (PHTG)

Who?

What?
?



More Information: www.vsgwigoltingen.ch



Volksschulgemeinde Wigoltingen Standorte & Teams Schulführung **Themen** Termine & News Infos

MakerSpace Pilotprojekt ▲

Kollaboratives kantonales Pilotprojekt über drei Jahre

Im April 2020 wurde die VSG Wigoltingen als eine von insgesamt vier Thurgauer Pilot-Schulen für das kantonale Projekt "Making-Erprobung" ausgewählt. Seit Beginn des Schuljahres 2020/21 beschäftigt sich eine sechsköpfige Arbeitsgruppe, bestehend aus Lehrpersonen, Schulleitung und Behörde, mit der Realisierung eines MakerSpaces in der VSG Wigoltingen. Die Pädagogische Hochschule Thurgau sowie die Ostschweizer Fachhochschule führen die "Making-Erprobung" im Auftrag des Amts für Volksschule gemeinsam mit den vier Pilot-Schulen durch und begleiten sie in diesem Prozess.

Die dreijährige Erprobung startete offiziell im Oktober 2020. Informationen dazu finden Sie auf der [Projekt-Website des Amts für Volksschule](#) sowie der [Projektwebsite der Hochschulen](#). Ziel ist es, Praxiserfahrungen zu sammeln und Unterrichtsprodukte zu entwickeln, die von weiteren interessierten Schulen für das Making in der Schule genutzt werden können. Zusätzlich leistet das Amt für Volksschule einen Beitrag an die Projektkosten der an der Making-Erprobung teilnehmenden Pilot-Schulen und ermöglicht ihnen, einen Teil der Weiterbildung kostenlos von der Pädagogischen Hochschule Thurgau respektive der



Unsere Projektpartner

