Mindset

limits of their learning capacities. a lot of guidance, but is so creative at value. The step-by-step plan offers Another strength is its metacognitive tions. You develop your 'innovatorship' with a mindset for tackling unknown to having to choose from available opnew, appealing alternatives, as opposed Design Thinking teaches how to develop the same time that pupils touch on future challenges.

Procedure

As you work along with your user/problem holder, feedback at the end of the applications (prototype, test) with the to subsequently target some specific 3 steps (empathize, define, ideate), starts out broad-based with the first way of thinking. Importantly, the method Design Thinking departs from a holistic points of view, and generates new ideas Cooperation provides various views and Intensive cooperation is essential to this Thinking and Doing go hand in hand. creative way of problem solving, where Design Thinking is a practical and necessary. ly and reverting to earlier steps when result is reached by working cyclicalprocess is of the essence. An optimal knowledge and insights just gained.

the learning process.

Making mistakes is an essential part of

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Examples

Method

Step-by-step plans
 Instructional video

How to create a challenge

Do's and Don'ts

What to expect in TETT Design Thinking?

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THE ST

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Education Toolkit for Teachers **TETT Talent**

English



Talent Education Toolkit for Teachers

match with their learning needs. With gifted pupils, the Erasmus+ project Talent Education, aimed at the percentage reaches 56%. This has motivated often bored, because the subject material does not that a quarter of all pupils indicated they were preventing or combatting underperformance. Recent studies in secondary schools have shown

scientists and trainers joined forces to develop new teaching methods adgroups of children and adolescents. justed to the learning needs of various In project Talent Education, teachers,

in practical ways. to the learning needs of their pupils teachers to adapt their instructions The TETT is a joint toolkit enabling

by-step plans, lesson examples and The TETT includes methods, step-

TTETT comprises four separate toolkits:



TETT **Design Thinking** for primary and secondary education



TETT Practical Differentiation for secondary education



for primary education TETT Metacognitive Skills



TETT Challenging Young Children for preschool and

kindergarten education



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basics are: unknown future. The DT method's mair It is useful now as well as in the largely the skills to be able to innovate. method which enables people to develop from solution-oriented teaching, is a The Design Thinking method, arising working cyclically a fixed step-by-step plan intensive cooperation creative thinking

- applying innovations
- a holistic view

proach to developing skills to meet the The method offers a structured apdemands of a rapidly changing world.

Creative process

it is OK to make mistakes, as an essentia part of the learning process. ate judgements should be avoided, and suitable for use in education. Intermediimportant, and make this method very and 'out of the box' thinking are highly ideas are developed. Doing research step method has been designed by the 'real' world. To this end, a step-bysolutions for actual problem issues in cess, DT intends to find new, creative which innovative and solution-oriented Through a creative development pro-

What is Design Thinking?

"I am a practical and creative person, and I can empathize, a teacher, and the same Thinking suits me well as goes for the pupils." which is why Design

Katy Lips Primary School Leiderdorp Netherlands



with projects. practical assignment paper or ments/assignments from practice, with the final year Use DT with practical assign-

scientific education (PE). and social, environmental and lessons in subject matters (SE) DT may also be applied to

developing research skills. DT is a practical method for

5 steps

on 5 steps: The Design Thinking method is based



S Empathize someone else's eyes (the user): what does he see and feel, what is on his Being able to see the world through as possible of the user's problems and mind; trying to understand as much and relation to the world he lives in. realities, his needs, desires, behaviour



Determining the definition of the problem that needs solving as Define precisely as possible.



Gathering a maximum of ideas for and thinking out of the box. solving the problem by brainstorming Ideate



Prototype Visualizing those ideas in order to test them and improve on their usability.



▼ Test
▼ Testing the provisional solutions in relation to the user's needs.

Working cyclically

The steps constitute a cyclical process previous steps in order to adjust the where one can, and should, revert to

most effective, which was an you can find out which one is ways of thinking. This way "DT introduces different eye opener for me."

Viktor Matema Brno





downloaded as pdf-files. and project examples can be Step-by-step plans, guidance