



# **EFFECTS OF COLLABORATIVE LEARNING WITHIN THE DIY LAB**

**ZŠ KORUNOVAČNÍ, PRAGUE**



OUR SCHOOL



## WE ARE PRIMARY SCHOOL

*Number of participants:*

*296 pupils aged 5 – 14 years (80% of all pupils)*

- 15 classes*
- 17 teachers*
- 20 activities*

Our conception was to make children think of about

**WHAT THEY CAN TEACH THE OTHERS**



# ELEMENTARY CHARACTERIZATION OF ALL OUR ACTIVITIES

- Self-production of teaching aids
- Testing and experiments
- Using digital devices
- Developing presentations skills
- Learning by experience
- Collaboration, information sharing
- Self-organization



# SELF-PRODUCTION OF TEACHING AIDS

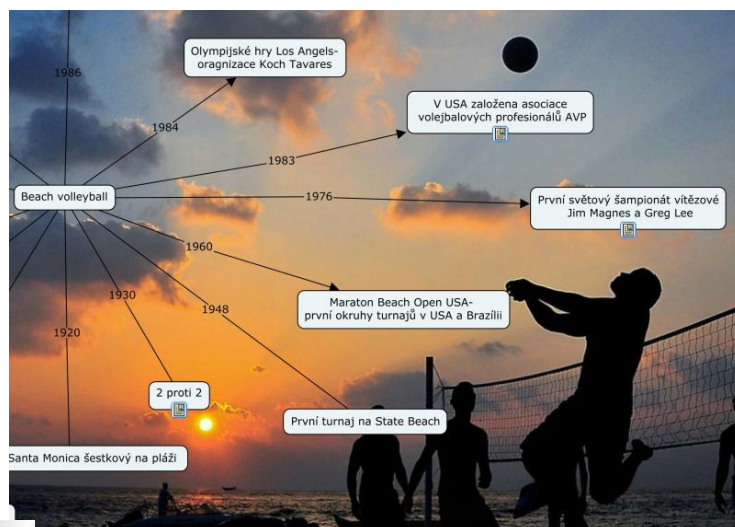
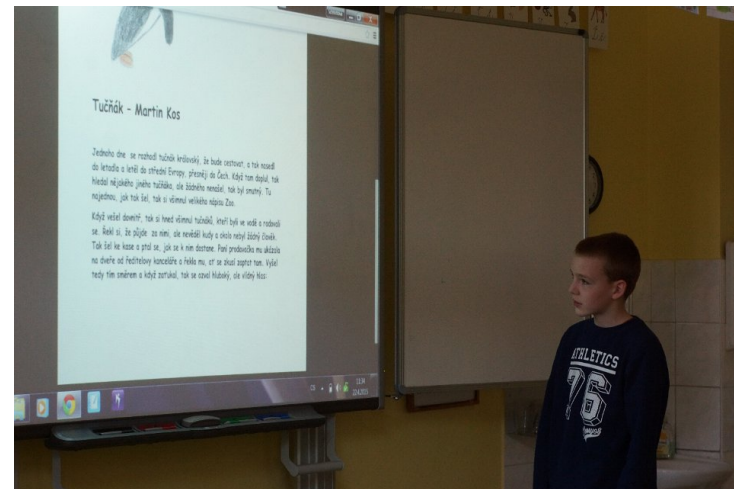
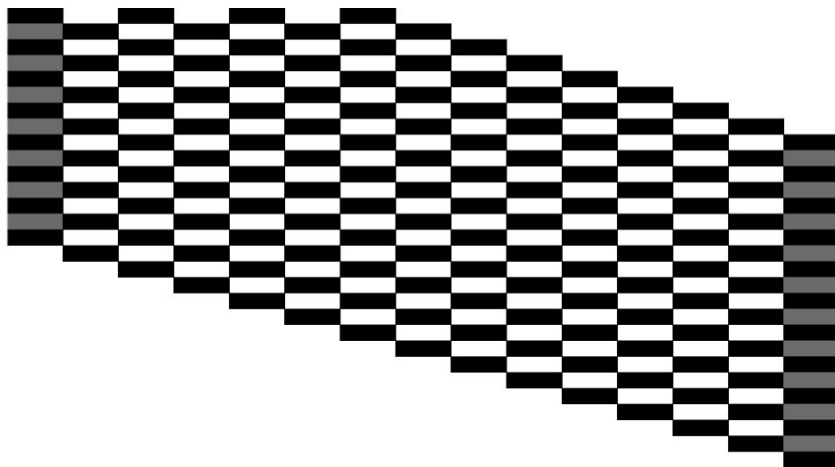




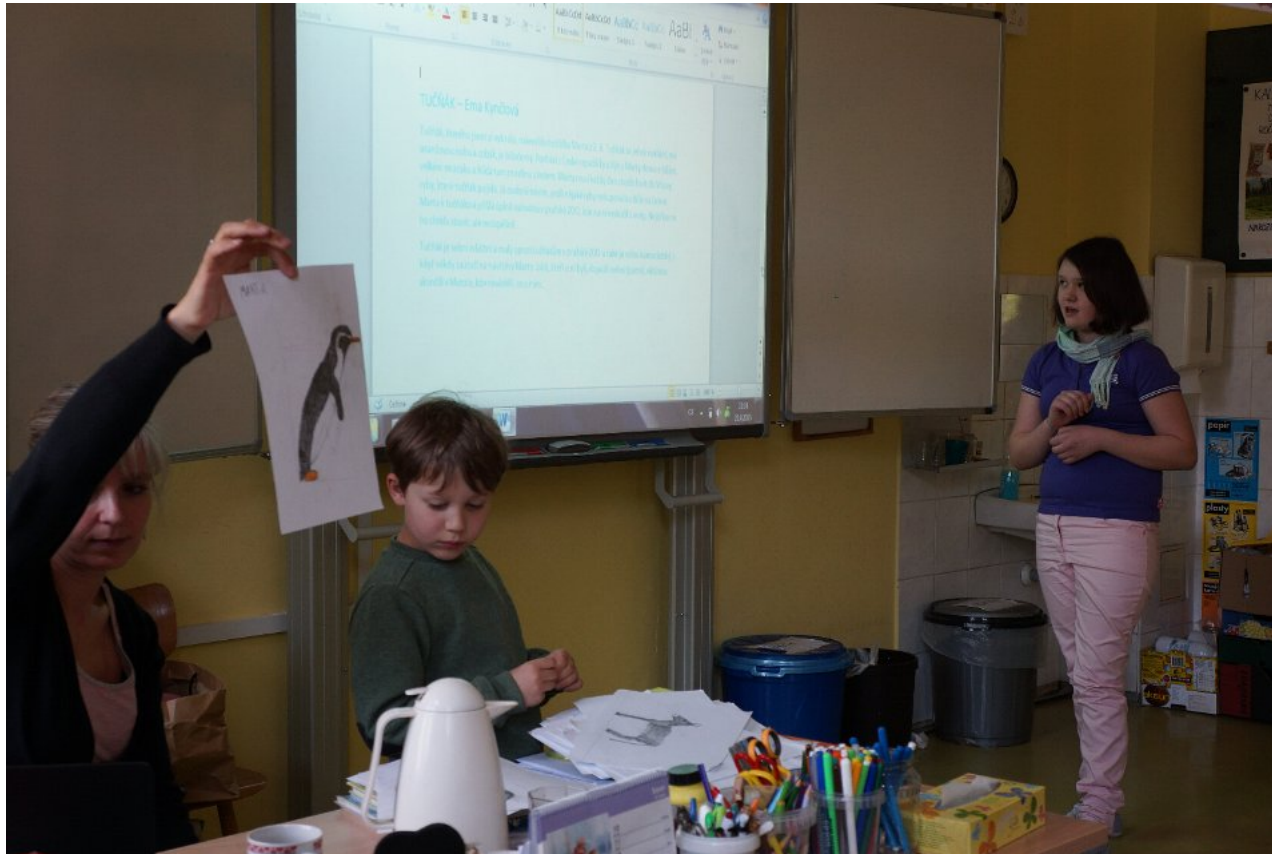
# TESTING AND EXPERIMENTS



# USING DIGITAL DEVICES



# DEVELOPING PRESENTATIONS SKILLS





# LEARNING BY EXPERIENCE





# COLLABORATION, INFORMATION SHARING



# SELF-ORGANIZATION



# PUPILS STEPS IN THE PROCESS

- To think about **WAYS** how they can teach the others
- To think of the specific **ACTIVITY**
- To create their **TEACHING AIDS** (digital, real things)
- To **PRESENT** it = **TEACH** the others
- To **DOCUMENT** the process (video, photos)
- **SELF-EVALUATION**





# WE ACCENTED

- Creativity
- Freedom of choice (theme, time, equipment, who they would like to present it to,...)
- Collaboration
- Answering questions of pupils - why they are doing it (motivation)
- Interclass socialization
- Transdisciplinary relations



# WHAT WE HAVE LEARNT, IMPROVED

Extending





THE BIGGEST BENEFITS FOR OUR SCHOOL

#1

OUR STUDENTS LEARNT THAT BEST WAY HOW TO LEARN SOMETHING AND TO UNDERSTAND IT PROPERLY IS TO TEACH IT TO SOMEBODY ELSE...

#2

GREAT BENEFIT TO OUR SCHOOL WAS INTERCLASSES COLLABORATION AND SOCIALIZATION WHICH CAUSED BETTER CLIMA AT OUR SCHOOL AMONG STUDENTS, TEACHERS AND PARENTS



# QUOTATIONS OF OUR PUPILS

- „I learnt how to teach other people. It is quite difficult.“
- „I realised that a pupil can teach ...“
- „I learnt how to explain things properly.“
- „I understood that cooperation is very important.“
- „I learnt how to cooperate with elder and younger children.“
- „I learnt how to work in team without teacher's help.“





**THANKS FOR YOUR  
ATTENTION**

