



Little meteorologist – workshop and booklet for pupils

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Little meteorological workshop

Motivation



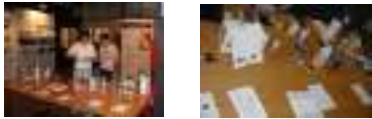
To show that science and especially meteorology is fun!



To show that children can play and learn something new. That can make them start liking science/meteorology.

How it started

Science Festival in Zagreb, 2007



Two team members: Dubravka and Kornelija
7 experiments and 7 instruction sheets
Waste materials and some household objects

Audience: all ages but mostly school children
Duration: 1,5 h

Imperatives: The participants made experiments mostly on their own, we were only moderators and assisted when needed.



It continued at Science Festival in 2008, 2009, 2010, 2011

LMW in schools

As an extracurricular school activity for pupils in primary schools, 2009
Two new members in team: Krešimir and Kristian

The target audience: children in 4th grade (around 10 y old) and teachers

Imperatives: We are mainly moderators and assistants, encouraging children to work in teams and to think and decide together about the strategy on realization of the experiment.

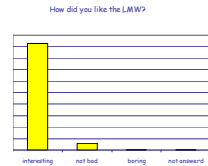
Duration: 1 school hour (45 min)

How the "class" looks like:

1. Short introduction (brain storming) about meteorology
2. Practical work: 3 experiments in one class: two of them for children in their teams and one for the whole class together
3. Filling out a short questionnaire



Evaluation or LMW in numbers



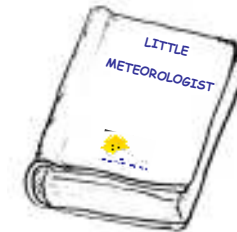
Number of schools: 29
Number of children: 1115

Booklet

Motivation

Children can use the booklet independently in their free time.

The booklet can be a valuable source of ideas for teachers who want to enrich their teaching with some practical contents.



Expected publishing date June 2011

Work in progress

LMW web site
LMW in public libraries and kindergartens
students of meteorology as LMW instructors

Contents

- Preface
- What is a thermometer
- What is a wind vane
- What is an anemometer
- What is a tornado
- What is a rain gauge
- What are the dew and frost
- What is fog
- What is a hygrometer
- What is a water cycle
- What is a barometer
- What is air pressure
- What is a thunderstorm
- What is a lightning
- What is a rainbow
- What is solar energy
- Why is the sky blue
- What is Oxygen
- What is Carbon Dioxide
- What is acid rain
- What is weather forecast
- Little cloud atlas
- Beaufort Wind Force Scale
- Links
- References



See you again!

Acknowledgment

We would like to thank to all our donors, without of their support this projects will be much harder to realize.

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