



## Massive Open Online Course: Task Design for Math Trails

### Task Design Award: Criteria

Task Design is the core element of our MOOC! During the MOOC, you will receive training on how to create different types of math tasks and will be invited to create your own. In order to honor the best tasks that will be created during this course, we defined three categories in which you can receive a digital badge.

So, when it's time to create your own tasks, go outside and remember to search for...

- ...interesting task objects
- ...rich modelling tasks
- ...tasks that can be supported by vivid hints!

And do not forget to be creative and to have fun! In the end of the MOOC's duration, we will honour the best task creator for each category receiving an additional award!

**Category 1: Most Interesting Object** – Within this category we honour a task that is created on a special object where you would not expect mathematics at the first glance. So students can discover „hidden“ mathematics while running a trail.

**Category 2: Richest Modelling Task** – Within this category, a modelling task is awarded that allows different models and solving processes to reach one correct solution. The task indicates that mathematics does not always provide only one correct way to solve a task.

**Category 3: Most Vivid Hints** – In this category, we focus on the formulated hints, e.g. through vivid text, formula, videos and pictures. The hints should support the students during the solving process to find the correct solution, but without providing too much information.

## More Information concerning the MOOC ...



[www.masce.eu/mooc](http://www.masce.eu/mooc)

Moodle Platform:

<http://dimamooc.unict.it>



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