



**PiA<sup>®</sup>** Physik im Advent<sup>®</sup>  
Noch 24 Experimente bis Weihnachten

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Dear physics teachers,  
Dear class teachers,

According to the motto “still 24 experiments left until Christmas” we have developed a very special and one of a kind Physics-Advent-Calendar for your classes, schools and also single participants. This calendar is called “PiA – Physik im Advent” (literal translation: “Physics in Advent”). Therewith, we offer simple experiments and physical riddles to pupils, junior researchers and for all those who are interested in doing experiments. Generally, we want to trigger and awake interest, curiosity and excitement for each spectator.

Each day from December 1st through December 24<sup>th</sup> we present an experiment via video to be replicated by pupils, respectively, the spectators. On a website they can subsequently answer questions during the day. We show the solution to our physical questions described in the video the next day again via video.

In particular, pupils in second grade, complete school classes or even an entire school can participate in PiA. But also younger pupils (first grade), students, parents and teachers are cordially invited to attend, of course.  
**Get involved!**

Aside from experimenting pleasure one can win prizes, too. The best answers of single pupils, complete classes or entire schools will be distinguished. Each participant or attending facility additionally obtains a certificate with the individual results.

## What you need to do (approach/procedure)?

Please register for “Physics in Advent” with your school class(es) under the following link:  
[www.physics-in-advent.org](http://www.physics-in-advent.org)

In November, a respective form will be available under “register”. Please choose the form for teachers and add your personal data. Afterwards, please add necessary information regarding the school and the class. Please make sure that you initially add the postcode to find out in a dropdown menu whether your school has been registered already by a colleague of yours. If that is the case, you can easily pick your school and register your class. If your school has not been registered yet, you can enter the remaining information by generating a new entry. By doing so, you automatically become an administrator of the school data and your name will appear as the contact person on the application form. In the same box you can also compile your first school class by naming the class precisely. Further classes can be added under “My PiA” (after you already registered). For each class, you will be receiving a single class code. Please make sure that you save the code(s). Furthermore, please forward the specific code to the pupils of the according/connected class so that they will be unlocked, too (for the ranking of the class/school).

This year, you can also receive PiA messages via Telegram channel <https://t.me/PhysicsInAdvent>