

## NORDMETALL Erfindercamp / NORDMETALL Inventors' Camp

The NORDMETALL Erfindercamp ('Inventors'Camp') is the highlight of each school year. Teachers of participating schools can suggest their best and most dedicated students for attendance. Due to the limited capacity, CreateMV will choose up to two students from each school to spend 4 days at the Schlosshotel Hasenwinkel.

The NORDMETALL Erfindercamp is free of charge for the participating students. It covers 4 exciting days (excluding the day of arrival) including a field trip, experiments, constructions, and presentations. Starting on Thursday afternoon and ending on Monday afternoon, the students can get a leave of absence from school without missing too many courses.

The first full Erfindercamp-day comprises an extended tour through the production halls of a major metal and electronics company. For lunch, there is a BBQ planned at a high rope course. Mastering the high rope course demands a lot of teamwork, coordination, and discipline.

On the second day, we will stay at the Schlosshotel and work in groups at up to ten 'inventors' stations'. These stations include topics like: the NORDMETALL Infomobil, tethered flight, Lego find & shoot, electronics – jewellery with LED-lights, high-speed-camera, solar collector and others.

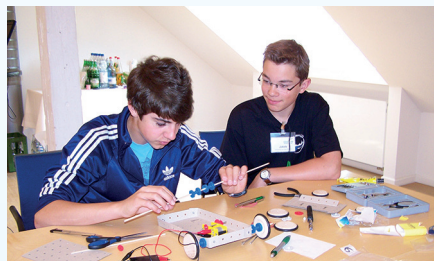


The third day is the competition day. The construction- competition is based on the TechCard system combined with other elements such as electric motors, variable gear kits, wheels, rods, line wheels, drive chains, rubber bands, gears, alligator clips, LED lights, and soldering tasks. The task is to match into teams of three students to build a creative-looking vehicle that can handle a given course as quick and elegant as possible. The prospect on the evaluation of each teams' work at the end of the day enhances the challenge. Besides exciting achievements a lot of fun is also granted. At the end of the day the announced winners can win small, but attractive prizes.

The students spend the morning of the last day preparing individual 10-minute-presentations on the inventors' stations that they have worked on. To effectively present their achievements, pictures and videos from that day will be provided. Also, advices

and suggestions of improvement will be given to guarantee a professional presentation in front of members of the Bildungswerk der Wirtschaft Mecklenburg-Vorpommern, NORDMETALL and of course teachers, parents and relatives. The camp ends in a get-together event to analyze the past days with parents and students.

The NORDMETALL Erfindercamp is organized once a year. It is funded by NORDMETALL Employers' Association of the Metal and Electrical Industries and the European Social Fund (ESF). For further information please turn to the contact person.



**Target group:** Students of 8<sup>th</sup> grade and older

**Subject addressed:** Physics, chemistry, biology, mathematics, computer science, technology and engineering

**Restrictions in the number of visitors:** 24–30 students. Only students from participating schools with a CreateMV-student-project can attend the camp.

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