

@mint\_nachwuchscampus on Instagram



@kinderforscher\_an\_der\_tuhh



Why?

- Sports clubs, music and dance schools: Young people with an interest in technology and science also need practical opportunities.
- Young people's career aspirations arise from their own actions. Solving everyday questions experimentally awakens new talents!
- Engineering sciences have great career opportunities (through training and study) and should be accessible to all young people independent of their socioeconomic background!

- KINDERFORSCHER is financed by project orders, cooperation, prize money, donations, sponsoring and supporters.
- If you are interested in a possible cooperation, want to support the project or have any questions, please feel free to contact us!

Awards:



Funding:



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www.kinderforscher.de (grades 3-7)  
 www.nachwuchscampus.de (grades 8-13)  
 www.kniffelix.de



**Career Orientation & Company Cooperation**  
**Grades 8-13**  
[www.nachwuchscampus.de](http://www.nachwuchscampus.de)



**Digital-Hands On-STEM-Website**  
**for all ages 8-99**  
[www.kniffelix.de](http://www.kniffelix.de)



**Pupil Projects & Rentable Experiment Boxes**  
**Grades 3-7**  
[www.kinderforscher.de](http://www.kinderforscher.de)

## Das Nachwuchscampus-Project (KI.8-13)

School-TUHH-company cooperation of the Wirtschaftsverein and the Hamburg Ministry of Economics and Innovation to get young people in grades 8-13 interested in STEM professions.

Information: [www.nachwuchscampus.de](http://www.nachwuchscampus.de)

### CAREER ORIENTATION:

✓ On [www.nachwuchscampus.de](http://www.nachwuchscampus.de) in the "Career Orientation" menu with videos, posts, trainee exchange and further info & links.

✓ On Instagram: @mint\_nachwuchscampus

✓ By registration: Digital ZOOM career orientation events. Dates on [www.nachwuchscampus.de](http://www.nachwuchscampus.de) Check out "News" & in our newsletter



## Examples of Topics & Offers

**Chemistry & Biology:** analytics, liquids, white powders, the chemistry of construction, soil, what makes baker's yeast rise?

**Physics, Technology & Informatics:** flying, floating, shipbuilding, mechanical engineering, electrical engineering, electricity, 2D/3D drawing, digital posters using a MakeyMakey

### TRAINING, WORKSHOPS & LECTURES

e.g. for experimenting on everyday questions with everyday materials, setting up experiment courses yourself, science shows, successful school-company collaborations, experimenting while learning language, experimenting with international young people or a topic tailored to your needs.

## Experimentation platform [www.kniffelix.de](http://www.kniffelix.de) for Groups & Individuals Ages 8-99 Years

- Digital learning & hands-on experimentation with everyday materials
- According to youth protection law
- Free of charge
- For tablet, computer or cell phone
- In Hamburg: +rental experiment boxes for groups



### KNIFFELIX-Riddle-Topics:

		
<b>PIZZA</b> Hefe/Enzyme Bio & Chemie	<b>BODEN</b> Wasserspeicherung Bio & Geo	<b>FLUGZEUG</b> Schwerpunkt Physik
		
<b>KETCHUP</b> Fließverhalten Chemie & Physik	<b>HUBSCHRAUBER</b> 2D-/3D-Zeichnen Mathe & Technik	<b>TRAGFLÄCHEN</b> Strömungen Physik

### Advanced Topics:

- Aerogel-Research & Application
- From Chromatography to HPLC



## Further Cooperation & Projects

- Ilab Science Boxes for die TU Kaiserslautern**  
[www.mv.uni-kl.de/biovt/lehre/lehrkraefte-und-schuelerinnen/ilab-forscherkisten/](http://www.mv.uni-kl.de/biovt/lehre/lehrkraefte-und-schuelerinnen/ilab-forscherkisten/)
- Pupil Lab: KNAUER Entdecker Klub (KEK)**  
[www.knauer.net/de/unternehmen/kek.html](http://www.knauer.net/de/unternehmen/kek.html)

**Offers for Grades 3-7:** Our team of educators, engineers and students

- Develops & distributes experiments and educational materials in an interdisciplinary manner and comprehensible to everyone for grades 3-13.
- Supports schools & companies in offering practical support for young people at a feasible cost.
- Seeks donations and sponsorships to make it possible to offer programs in socially disadvantaged neighborhoods in schools and youth facilities.

### EXPERIMENT-PURE-Project (Grades 3-4)

Beginners' experimentation course for Hamburg schools, e.g. as an elective or compulsory offer in school or after school, annually from Feb.-July. Funded by the Hamburg Board of Schools and Vocational Training. (Registration: [www.kinderforscher.de](http://www.kinderforscher.de))

### EXPERIMENT BOX RENTAL (Grades 3-13)

For schools, youth facilities or companies

- ✓ Teacher's instructions (also understandable for non-scientists)
- ✓ Material for 24 participants incl. worksheets
- ✓ Includes scientific background information

