

# Physics for all Physik für Flüchtlinge

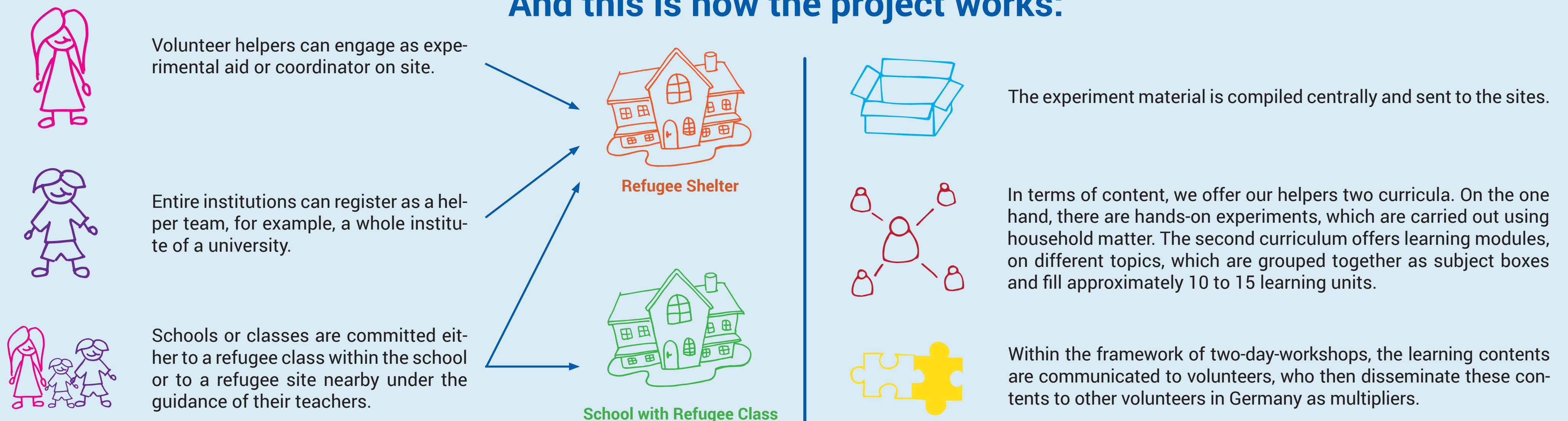
## Integration through Science?! The example case of the project „Physics for All“

„Physics for All“ is a project of the German Physical Society (DPG) and the Georg-August-University of Goettingen, which is funded by the Federal Ministry of Education and Research (BMBF). The goal of the project is to provide children and youths in refugee shelters, initial reception facilities nationwide and to teach the world of physics by means of simple experiments. It is about a playful research and education offer with language-promoting elements. Beyond that the project „Physics for All“ also intends building bridges between different cultures and educational backgrounds. The project is fundamentally supported by the commitment of many volunteers.



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### And this is how the project works:



“It was a great experience I would not want to miss. The laughter of the children showed me that we do something good and meaningful. In addition, the project has proven that even a few can change something; because you are, what language you speak or what faith you have. Physics is exciting, entertaining, educational and experimenting generates self-confidence. **Physics is fun ... and it's everywhere!**”

(Volunteer from Zweibrücken)

“The children are especially enthusiastic when there is something to tinker. Then, they are also very concentrated. Communication was never a problem. To make parents bringing their children to the events timely, was a particular challenge. The shining faces, when the experiment works, however, is making up for organizational difficulties.”

(Volunteer from Berlin)

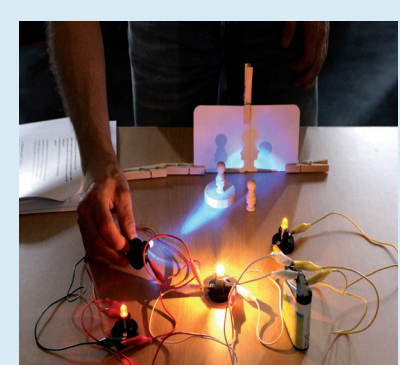
“The language barrier is not really a problem - if necessary, everything is done with hands and feet. And children, who at the beginning still had quarrels due to different origins, finally sat together wondering around an experiment. Physics as an international understanding!”

(Volunteer from Hamburg)

### Experimenting connects:



The physical and playful experimentation is to offer a diversion from everyday life and a gesture of **welcome culture**.



Physical phenomena are universal and global. In order to carry out experiments, you do not need special language, religion or a special place. They are the same for all people on earth, no matter where you are, what language you speak or what faith you have. Physics is exciting, entertaining, educational and experimenting generates self-confidence. **Physics is fun ... and it's everywhere!**



We want to use the experiments to arouse the **curiosity** of the children and adolescents and stimulate them to deal with nature and the environment and their laws. In this way, we promote **self-confidence** and the conscious and independent action of the children in a new environment.

Within the project we do offer an **integrated language course** within the project in the form of an illustrated list of words. Thus, the German concept is associated with the object of experiment.

	Holz, das
	Kubel, das
	Kerze, die

We **create encounters between people**. Cross-culturally, children, young people and adults meet, play and delve together and get to know each other. Stereotypical images of „refugees“ are transformed into personal stories. These experiences and adventures are carried into German society.



With the help of many voluntarily committed people in Germany, we want to promote a positive attitude towards **knowledge, insight and education** and thus, facilitate the integration into our educational society. Everyone can contribute a small part.

