

doing it
together
science



Science Bus

Hunting and gathering folk remedies

From London to Montenegro

What's the best way to remove stains from your clothes? How do you make your own sunscreen? Can you measure water quality yourself? And are there some forgotten remedies for these problems that we could use today?

The Science Bus will make its way through Europe to ask locals for the folk remedies that time forgot. Why? We'd like to put them to the test! How do these remedies work? What are the ingredients? What are the scientific principles behind them? And what can we do to improve them?

The Science Bus hits the road with simple DIY research tools you can use to map the world around you. This is science for everyone, and folk wisdom is the research subject. The experiments we'll undertake in the Science Bus aim to peak curiosity about the everyday and encourage inquiring minds.

What will we do?

The Science Bus will hit the road with a range of workshops on the scientific principles behind these folk remedies. We'll pack up our handy 'instructables' and bring materials along to help participants build their own scientific instruments. Once on location, we'll invite locals to bring their own DIY remedies for us to examine in the Science Bus. Experts will help beginners get started.



DIY Science

The Do-It-Yourself (DIY) movement is based on empowerment, ownership, and the desire to invent your own solutions to problems. With technology becoming cheaper, it is becoming easier for people to do research and carry out small scientific experiments themselves. DIY research is possible due to cheap sensors, smart phones, and homemade instruments. The Science Bus is on a mission to gather, investigate, and share the valuable knowledge of citizens from the DIY-scene in Europe.



Everyone can join

To participate you only need one thing: enthusiasm to explore and investigate. Neither experience nor technical knowledge is required. So, whether you're 8 or 80, you can join us as we delve into the exciting world of scientific exploration. Science Bus activities are accessible to any age, background, or nationality.



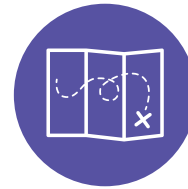
Reach and visibility

With the Science Bus program, we plan to reach at least 13,000 people from across Europe. The Science Bus plans to make stops at various locations: from town squares to major festivals all the way from the UK to Croatia. And the Science Bus will be highly visible along the main roads of Europe on its 10,000 km route.



Route

The Science Bus will depart in July, 2017 and stay on the road for three months. During this period, the Science Bus will make stops in at least 12 locations across Europe (with an emphasis on rural areas). The exact route of the bus is still being drawn up.



Become a partner

To maximize our reach with the Science Bus program, we're on the lookout for local partners throughout Europe. From these partners, we'll need help reaching both the locals and the media. And our crew will need support in hosting workshops and events. Are you or do you know a suitable partner? Please contact us via info@togetherscience.eu



waag.org
togetherscience.eu



info@togetherscience.eu



Doing It Together Science

The Science Bus is part of the European project "Doing It Together Science." Within this project, research institutions work together with museums and cultural institutions to engage as many people as possible with citizen science. There are more than 500 innovative workshops, exhibitions, and activities in nine countries in Europe. With this project, eleven European partners intend to show that citizen science is an accessible and fun way to explore the world around you.



Waag Society

As part of 'Doing It Together Science', Waag Society will realize the Science Bus in collaboration with other partners. Waag Society - institute for art, science and technology - explores emerging technologies, and provides art and culture with a central role in the designing of new applications for novel advances in science and technology. In 2015, Waag Society started the Smart Citizen Lab, a program in which Amsterdammers learned how to measure pollutants in their city using DIY tools and applications.



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waag society