

Greenlight for girls day @Brussels 2014 Workshop Descriptions

Below you will find the names and descriptions of all the workshops provided at the g4gday@Brussels 2014.

Please keep in mind the following when registering:

- You will have the opportunity to **take your pick at two of the four workshops** available. For the other two, you must schedule/register yourself for: **"Physics FunLab"** for one and **"Surprise me!"** for the other.

- Some of the workshops will be offered in **three different languages** throughout the day. For example in Workshop Timeslot 1, you may find only "Codebreakers - EN" and Workshop Timeslot 3, you may find "Codebreakers - FR" or "Codebreakers - NL". Be sure to check all the dropdowns for the workshop language of your choice (for the other workshops, keep in mind most of them will have volunteers that can translate when needed).

- If you don't find the workshop of your choice in one time slot, be sure to check the other three - it may just mean that that particular time slot is in full capacity.

Name	Description
<p>Big Bang Lab vs. CSI</p> <p>These workshop leaders can also speak French</p>	<p><i>The Big Bang: Is it just a TV show or an astrophysical phenomenon? CSI: are you as obsessed as we are about becoming a forensic scientist?</i></p> <p><i>Get ready to conduct science and engineering experiments & explore the science behind crime scenes in this two-part workshop!</i></p>
<p>Human DNA – EN & NL</p> <p>Some workshops will be offered exclusively in Dutch</p> <p>These workshop leaders can also help with translating in French</p>	<p><i>Make your own DNA necklace!</i></p> <p><i>In this workshop, we are going to extract your own DNA and guess what? You'll even get to wear it in a pendant as fun (and scientific) jewellery!</i></p>
<p>Fun Visual programming w/ The Cisco Team</p> <p>These workshop leaders also speak Dutch & French!</p>	<p><i>Fun visual programming little objects</i></p> <p><i>Build your own things like a traffic light from its components! Decide when and how your thing does something by dragging and dropping a program together for it. If you like it you can evolve afterwards and build things like a robot, an alarm, a distance sensor... Looking forward to seeing you in this workshop!!</i></p>
<p>Build your own Web page w/ The Cisco Team</p> <p>These workshop leaders also speak Dutch & French!</p>	<p><i>Have a fun learning how to create a web page on Internet using Sandvox software on MAC.</i></p> <p><i>Publish your stories, photos, videos and share with friends. Learn and understand basics router configuration, concept of building local network and publishing web site.</i></p> <p><i>Practice design and explore your creativity!!</i></p>

<p>“The power of mixing” w/ The P&G Team!</p> <p>These workshop leaders also speak French!</p>	<p>Come and see how you can make your own perfumes & soaps & even learn the physics behind making the perfect package!</p>
<p>Exploring Chemistry w/ The P&G Team!</p> <p>These workshop leaders also speak French!</p>	<p>Ever wondered how we use something as simple as soap to transform milk to “magic milk”? Come join us to find out!</p>
<p>Danger... Explosive Bath Bombs! – EN & FR</p> <p>Some workshops will be offered exclusively in French</p>	<p>You can make different kinds of bath bombs, using different essential oils, different food colouring, flower petals or body glitter. They make great presents!</p> <p>When you drop your bath bomb into water, this sets off a chemical reaction. During the reaction, carbon dioxide is made, which causes the fizzing. The almond oil moisturises your skin and the essential oils smell so nice!</p> <p>Come join us and add some fizz to your bath!</p>
<p>“Girl Power” - having a great career in STEM!</p>	<p>Do you know what you want to be when you grow up? Do you know how the subjects you choose at school will influence this?</p> <p>By sharing my personal story, I will show you how you can empower yourself to make the right choices for you, so you can have a great career for life!</p>
<p>The g4g “News Crew”</p> <p>This workshop can be conducted in French, Dutch & English!</p> <p>**Parental consent for videoing is mandatory</p> <p>**More info for participants will follow...</p>	<p>Are you cool as a cucumber in the spotlight? Are you a camera-woman in training? Or do you aspire to be a journalist or are curious of what goes into the interview process & equipment?</p> <p>Try your hand at TV journalism!</p> <p>This is your chance to use video equipment and learn how to conduct a TV interview, whilst video interviewing fellow participants during the g4g Day event on the topic of ENERGY!</p> <p>**Limited amount of space and only offered in the afternoon: Time slots 3 & 4, so sign up fast 😊</p>
<p>The g4g “News Media Rangers”</p> <p>Limited amount to space, so sign-up quick!</p>	<p>Ever wondered about the science behind communication? Or how to engage your audience with just the right post? In a world of information overload, we will coach you on how to use your creativity skills with social media! You’ll get to communicate & take pictures of the event for Facebook, Instagram, & Twitter!</p>
<p>Getting “In the Biz”!</p> <p>These workshop leaders can also speak French</p>	<p>Do you dream of being the next Steve Jobs or Cheryl Samberg (one of the founders of Facebook)? Dream of starting your own company? Dream of making a change in the world? Learn more about how YOU can already make an impact and how science is used in business today and tomorrow.</p>
<p>“Running with science”</p> <p>These workshop leaders also speak French and can translate Dutch</p>	<p>Want to test your knowledge of science in sports? Have you been longing to find out how to count your heartbeat with a real stethoscope? Then this is the perfect workshop for you! We are going to be huffing and puffing to improve our science facts!</p>

Surface-Pro 3 w/ The Microsoft Team - EN, NL, FR	<i>G4g girls will be invited to discover, explore and play with the functionalities of the Microsoft tablet, Surface- Pro 3 device in a conference room setting to get a feel for what it means to be a professional!</i>
Some workshops are offered exclusively in French or Dutch	
Be a g4g Codebreaker w/ The Microsoft Team – EN, NL, FR	<i>Learn the basics of programming in a fun and visual way. During the session we'll be explaining how to code using the programme Kodu!</i>
Some workshops are offered exclusively in French or Dutch	
Lights, Lasers, & Optics	<i>Engaging demonstrations and activities to get kids interested and involved in the fascinating STEM subject: "Photonics".</i>
These workshop leaders also speak Dutch & French	<i>Reflection, refraction, diffraction, magnification, fluorescence, color blending and more.</i>
Physics Fun Lab	<i>Imperial Colleg physicists form the UK are coming to join g4g in an interactive session with tons of cool applied physics experiments that will blow your mind!</i>
Translations in French & Dutch will be available	
Surprise me !	<i>We will choose a workshop in the language of your choice for you to join!</i>