

stadt bibliothek köln

Geeks, Games
and Gadgets

Innovative Services
and the
Transformation
of Space



Bibliothek
des Jahres
2015

125
Jahre

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Cologne

1.000.000 inhabitants

90.000 students

About 35 % with
migration background

Growing population



The Library System



Role Change

Change

... to **working with people** rather than
working with books

... from a supplier of products and
services to a facilitator to help people to
develop **own products**

Music, Media, Makerspace



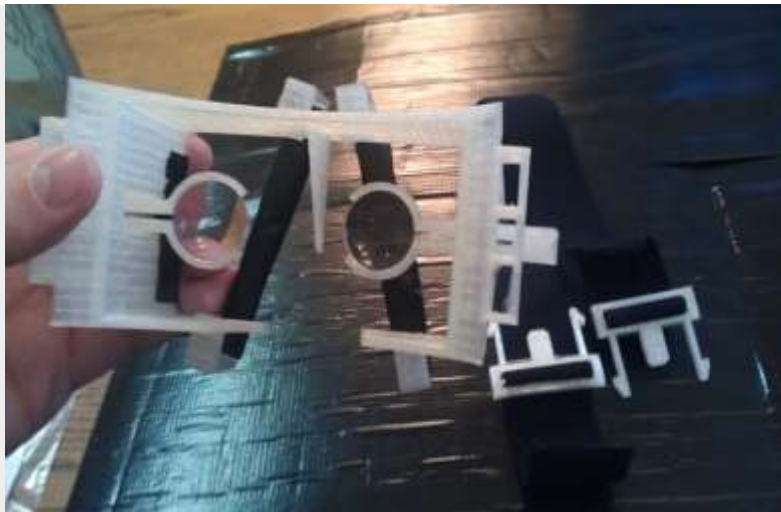
Role Change: From Recipient to Producer

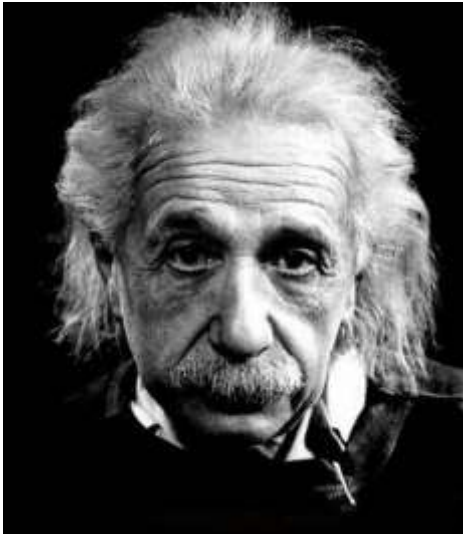


Music, Media, Makerspace



Role Change: From Information to Imagination

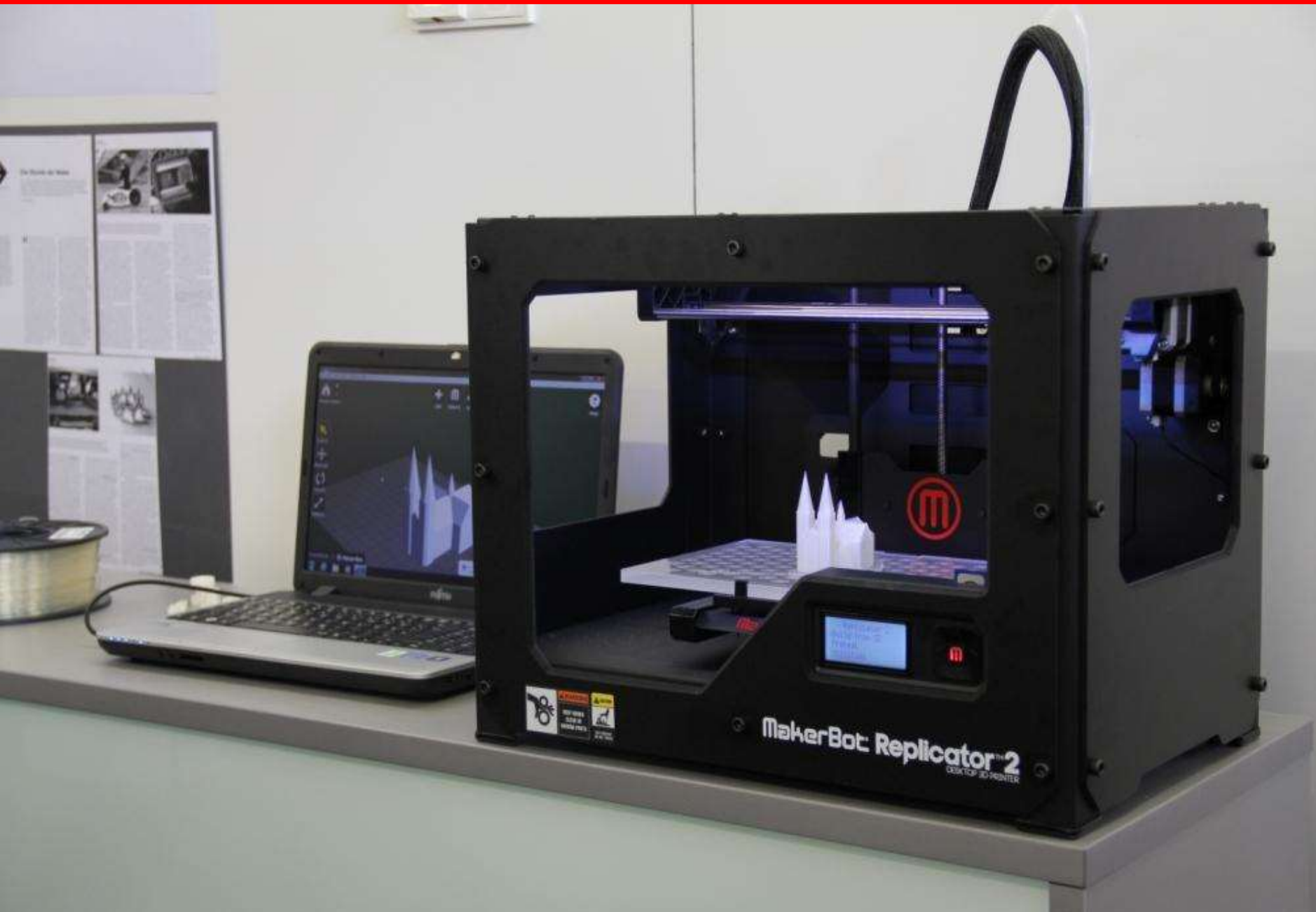




“Imagination is more important than knowledge. For knowledge is limited to all we now know and understand, while imagination embraces the entire world, and all there ever will be to know and understand.”

Albert Einstein

Our 3D-Printer



Virtual Reality - Oculus Rift 2



SOME TIPPS

- Start small and be flexible
- Take another look at your existing services
- Be careful with words like 'maker' or 'hacker' when advertising a new service
- It is good to keep the equipment portable and mobile



New Formats



Makerspace Program

- Digital photo editing
- How to make designs with a cutter/plotter
- Producing music / painting with the iPad
- Creating e-books with the iPad
- Designing a photo book
- Virtual reality with Oculus Rift
- SketchUp for beginners
- Arduino workshop for advanced participants
- Product photography for DIY people
- iMovie
- Sketchnote – visual notes



Makerspace Program

- How to use a 3D printer
 - Sketchup - 3D- Crashworkshop
 - Programming a Finch Robot for beginners
 - The basics of sound technology
 - Launchpad and Ableton Live
 - How to set up your own blog
 - Virtual reality with Oculus Rift
 - Being creative with MaKey MaKey
 - Generative 3D geometry
 - Rock guitar & electric bass for beginners
- Cross border # creative writing



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JUNIOR EXPERTS

Maker-
space



Sketchup – Producing 3D-Files

A hand is shown using a 3D Doodler to create a green, multi-stranded structure on a colorful card. The card features a rainbow and a pattern of white dots. In the top left corner, there is a blue box with the text "Maker-space". In the bottom right corner, there is a blue box with the text "Painting with the 3D-Doodler". An inset image in the top right corner shows a technical diagram of the 3D Doodler with various components labeled.



Painting with the 3D-Doodler

Makerday



Senior Knitting Group

Selling their products to support ICT for kids



A photograph of two young girls in a classroom or workshop setting. They are sitting at a desk, looking at a laptop screen. The girl in the foreground has blonde hair in a ponytail and is wearing a dark shirt. The girl behind her has brown hair and glasses, wearing a blue shirt. On the desk, there is a laptop, a power supply unit, and a small robot made of white and grey plastic parts with orange wheels. In the background, other students are visible, some working on similar projects.

Maker-
space

Maker Kids

Go4IT

Lego-Mindstorm Workshop for Girls

Maker-
space



Maker Kids
Coding Finch Robots

Do-it-yourself – Library Rallyes for Pupils



Create your own story!

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Events about
technology and
webculture

This is a Library...

Science Slam in the CPL





TRAVEL SLAM – in one hour around the world



Learning by Gaming





Gamers as
Producers

Playful Learning



Meeting of Generations



Easymotion - Silver Gamers



Digital Workshops for Starters

Internet Basics

- PC-Basics, Net-Security
- Online-Shopping
- Reference Services and Resources

Communication, Services, Hardware

- Facebook, Blog, Twitter
- My own Website
- Doodle, Online-Calendar
- Dropbox
- iPads, Smartphone-Apps
- E-Books, E-Reader, E-Publishing
- Mindmapping, Serious Games
- Skype



Books for Babys - a literary group for the little ones



iPads with Picture-Book-Apps



Trainings for parents and kindergarten teachers

iPads: test models for trying out the apps

Story times with the iPad



The Library as a Public Space



A Library is more than books...

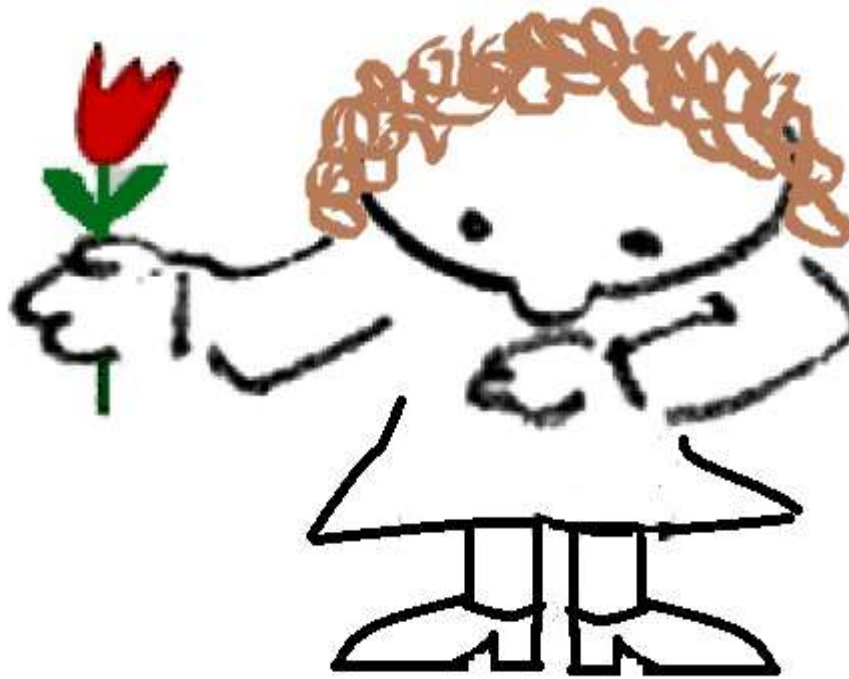


Visitors like to have a café



New Learning Settings





Thank you for your attention!

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