

Table of Contents

Master Project.....	1
Assessing the Inclusive Classroom.....	1
Physics for children.....	1
Inspirational Videos.....	1
Gender Equality in Data Science.....	1
WIT Virtual Tours.....	2
Educational Platforms.....	2
Regulations and Frameworks.....	2
.Women in Science.....	2

Master Project

Assessing the Inclusive Classroom

- Inclusive Teaching
 - ◆ What is inclusive teaching? [?](#) (Ohio State University)
 - ◆ Inclusive teaching [?](#) (University College London)
 - ◆ Create an inclusive classroom [?](#) (Planbee)
- Gender Equity Pedagogy
 - ◆ Gender Equity in Science Education [?](#) (National Science Teaching Association)
 - ◆ Developing a STEM Identity among young women [?](#)
 - ◇ Psychological factors that afford or impede STEM engagement and persistence of middle and high school students in STEM: A sense of belonging, Interest, Expectancy-value, Stereotype-threat
 - ◇ "By the time students reach college-age, they will have already discerned which occupations are viable to match their skills, abilities, and specific interest"
 - ◇ "Efforts to change the prototypes of STEM identity"
- Microbit
 - ◆ Communication with Microbit [?](#)
 - ◆ Storing information in Microbit [?](#)
 - ◆ Microbit Games [?](#)

Physics for children

- Pixel Art Particles Piskel App [?](#)
- Particles Card Game
- Kamishibai Big Bang
- Building the LHC
 - ◆ Elementary School - 3 to 6 years old
 - ◇ Painting Magnets and experiments (PS)
 - ◇ Pixel Particles (MS)
 - ◇ Super-conducting Magnets (GS)
 - ◆ Primary School - 6 - 7 years old CP
 - ◇ Accelerating particles with Ozobot
 - ◆ Primary School - 7 to 9 years old (CE1-CE2)
 - ◇ Cryogenics and Vacuum with Micro-bit
 - ◆ Primary School - 9 to 11 years old (CM1-CM2)
 - ◇ Building the LHC

Inspirational Videos

- Fake news vs Scientific Paper
- Shadowing videos:
 - ◆ Primary School
 - ◆ College
 - ◆ University
 - ◆ CERN

Gender Equality in Data Science

- Data Feminism [?](#) and Data + Feminism Lab [?](#)

WIT Virtual Tours

- [Women on the map](#)
- [Google Tours](#)
- [Virtual Tour Open Source Software](#)
- [CERN Open Days Mobile App](#)
- [Android Apps](#)

Educational Platforms

- [Edlyft](#)

Regulations and Frameworks

- [European Framework for Digitally Competent Educational Organisations](#)

Women in Science

- [The Paradox of Critical Mass for Women in Science - Henry Etzkowitz, Carol Kemelgor, Michael Neuschatz, Brian Uzzi and Joseph Alonzo](#)
- [Girls in STEM](#)
- [Isabelle Collet - Les oubliees du numerique](#)

- [Switzerland](#)
 - ◆ [Digital Kidz](#)
 - ◆ [R2T2 Collaboration](#)
 - ◆ [Future Kids](#)
 - ◆ [Roteco](#)
 - ◆ [Educreators](#)
 - ◆ [Edtech Collider](#)
 - ◆ [Center for Learning Sciences](#)
- [France](#)
 - ◆ [Vittascience](#)
 - ◆ [Vibot](#)
- [EU Projects](#)
 - ◆ [Graasp](#)
 - ◆ [Go Lab](#)

-- MariaALANDESPRADILLO - 2020-10-28

This topic: [Main > MasterProject](#)

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