



Cofinanziato dal
programma Erasmus+
dell'Unione europea



INDIRE ISTITUTO
NAZIONALE
DOCUMENTAZIONE
INNOVAZIONE
RICERCA EDUCATIVA

**MUSEO
NAZIONALE
SCIENZA
E TECNOLOGIA
LEONARDO
DA VINCI**



ICS "Manzoni" Bovisio Masciago MB

FEBRUARY 11TH-15TH 2019

Not one less

an innovative approach to teaching:
coding, tinkering and robotics

www.icsmanzoni.gov.it



illustrazioni di: Elena Marengoni
Instagram: @numi.illu

Programme

Monday, February 11th 2019

09.00-09.15 Arrival and registration of the participants

09.15-11.30 Opening ceremony

11.30 Coffee break

12.00 - 13.00 Presentation of the scheduled activities for the week

13.00 Lunch break

14.30 Primary School visit

15.30 A brief presentation about our experience with Tinkering

Tuesday, February 12th 2019

09.30-11.00 Job shadowing

Group A At the primary school: a tinkering activity "Squishy circuits" Mrs Quaroni

Group B At the nursery: a tinkering activity "Go shopping and tinker" Ms. Romeo

11.15-11.45 Coffee break

11.45-13.00 Workshop in the MultiLab: tinkering activities all together
Scribbling Machines

13.15 Lunch break

14.30-16.15 Workshop in the MultiLab: tinkering activities all together
Marble Machines

Wednesday, February 13th 2019

09.00-10.30 Job shadowing at the Primary School

Group A A robotics activity: Ozobot
Mrs Querques

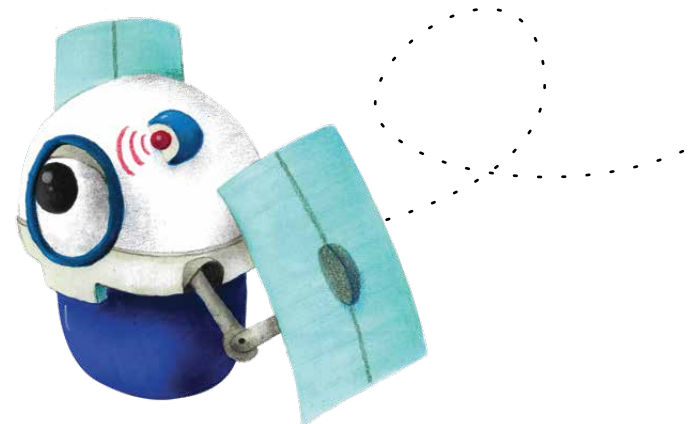
Group B A robotics activity: Cubetto
Mrs Sigralli

10.30-11.15 Coffee break

11.20-12.20 Discussion and reflections

12.30 Lunch break

14.00 Tour of Milan



Thursday, February 14th 2019

9.30-12.00 Visit at the Museo Nazionale Scienza e Tecnologia "Leonardo da Vinci" Milan

12.00-14.00 Lunch Break

14.00-15.30 A conference at the Museo Nazionale Scienza e Tecnologia "Leonardo da Vinci" Milan "Tinkering or not tinkering? That is the question."

Friday, February 15th 2019

9.00-10.00 At the secondary school: "How to use e-Twinning" Students of the secondary school present the e-Twinning project: "That's me! What about you?" Mrs Branà

10.30-11.15 Coffee break at the primary school

11.20-12.20 Learning dimensions of making and tinkering: presentation of an observation grid to use during tinkering activities. Mrs Galli

12.30 Lunch break

14.30 End of activities