European Schoolnet Academy!

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Course Catalogue FAQ Blog About

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Scientix

STEM Is Everywhere! Rerun

Starts: Sep 7, 2020

CodeWeek

EU Code Week Deep Dive MOOC 2020

Starts: Sep 16, 2020

STEAM_IT

Integrated STEM Teaching for Primary Schools

Starts: Oct 26, 2020

STEAM_IT

Integrated STEM Teaching for Secondary Schools

Starts: Oct 26, 2020

My Courses

STEM Is Everywhere! Rerun

Scientix - STEMeverywhere
Starts - Sep 7, 2020

Schools Tune Into Mars

STIM - Mars_Mission
Ended - Jun 10, 2020

View Archived Course

Your final grade: 100%.

View Certificate

Our Fragile Planet

spaceEU - Climate
Ended - Apr 8, 2020

View Archived Course

Your final grade: 100%.

View Certificate

European Schoolnet Academy

MARS

Certificate of Completion

"Schools Tune Into Mars" MOOC

04 May - 10 June 2020

(course duration: 17 hours)

European Schoolnet Academy

This is to certify that

Nedeljko Mandić

successfully completed, received a passing grade, and was awarded with European Schoolnet Academy Certificate of Completion in

Brussels, 10/06/2020

Borbala Pocze	Noëlle Billon	Marc Durando
Course coordinator	Course coordinator	Executive Director
European Schoolnet	European Schoolnet	European Schoolnet

For more information on the course organisers and learning objectives, please go to
https://www.europeanschoolnetacademy.eu/courses/course-v1:STIM+Mars_Mission+2020/about

Co-funded by the Erasmus+ Programme of the European Union

Schools Tune Into Mars (STIM) is co-funded by the Erasmus+ Programme of the European Union. The European Commission support for the production of this material does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use

Course: Our Fragile Planet

- Module 1: Planet Earth
- Module 2: Climate Change – Part 1
- Module 3: Climate Change – Part 2
- Module 4: Climate Monitoring from Space
- Module 5: Submit Your Lesson Plan

Module 4 Quiz

Bookmark this page

At the end of each module, there is a small self-reflecting quiz to demonstrate your involvement and understanding of the module.

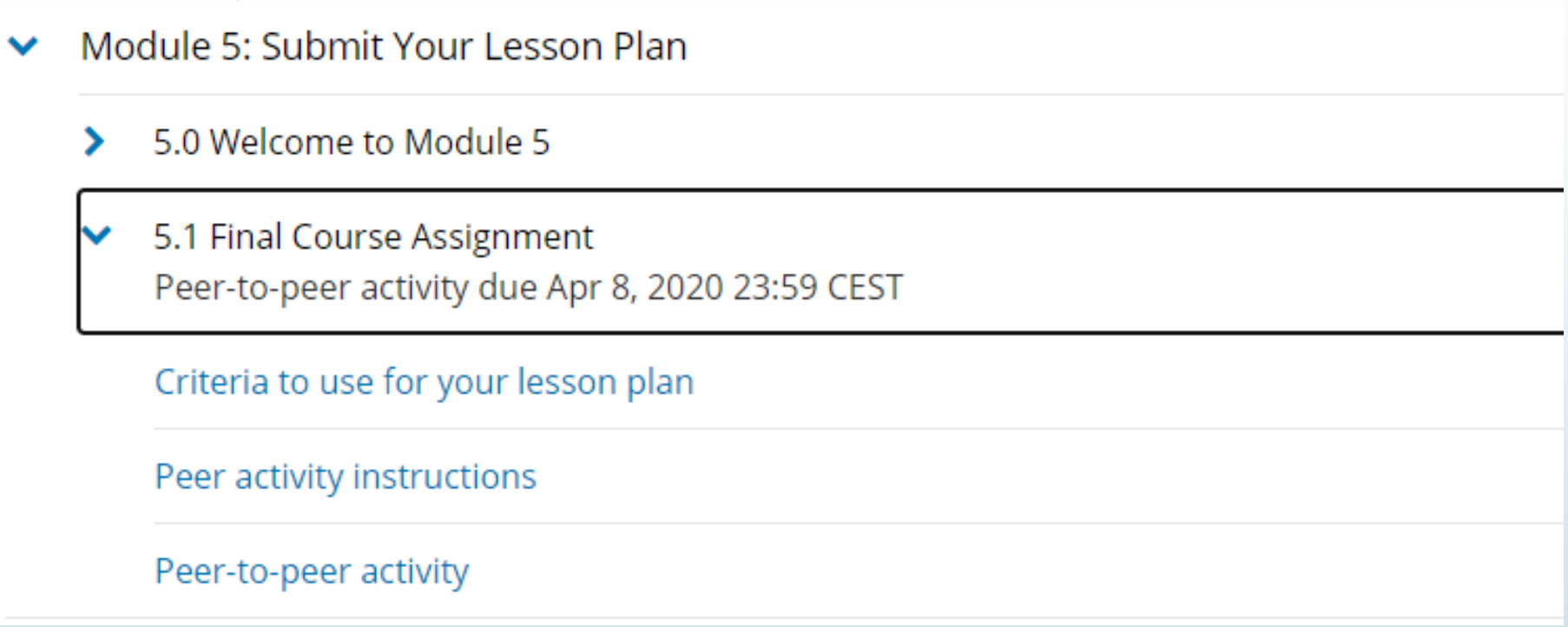
Please answer the questions below truthfully. If you still don't understand concepts covered in Module 3, please visit Module 3, watch videos, participate in activities and come back to do the quiz again. **Please note that you have 3 attempts to pass the quiz.**

Multiple Choice

5.0/5.0 points (graded)

1. Do you feel equipped with resources and tools to introduce your students to the topic of determining a location on Earth?

- (●) Yes ✔
- ( ) No
- ( ) I have an idea, but I am not sure which resources I can use in my classroom


Module 5: Submit Your Lesson Plan
5.0 Welcome to Module 5
5.1 Final Course Assignment
Peer-to-peer activity due Apr 8, 2020 23:59 CEST
Criteria to use for your lesson plan
Peer activity instructions
Peer-to-peer activity

Criteria to use for your lesson plan

Bookmark this page

Throughout the MOOC, we have presented various activities for students. Some are complete lesson plans or didactic courses, others are simple suggestions and ideas. Pick an activity you liked and give it your twist. Adapt it to fit your own context (country, school, students age and level) and tell us what and how you would adapt.

To help you create your activity, please follow the criteria below:

1. The activity you are preparing can be based on one of the activities presented in the MOOC.
2. Think of replicability of your activity – it should be clearly explained how your activity is going to be delivered and which time you would allocate for each of the phases.
3. Your lesson plan should be in English, this way your peers who are participants coming from all over the world will be able to assess your final activity and provide feedback. Please remember that any of the MOOC participants can be assigned to assess your activity, and this means they might not speak your language.
4. The activity needs to explicitly address topics related directly or indirectly to the topics presented in the MOOC but they can focus on any subject domain you wish (Mathematics, Chemistry, Physics, Biology, Geology, Art, Engineering).
5. The activity needs to be related to the curriculum you teach. You have to mention, in which part of your curriculum you have related it to.
6. In your activity try to incorporate some elements that are related to gender balance and diversity management, interactive tools and apps for space education, or space careers. You can choose to focus on one of the elements or have a little bit of everything in your lesson - it's up to you!
7. The activity should be well aligned with its learning outcomes: activities and assessment clearly link with the defined learning outcomes and allow the teacher to determine by the end of the lesson(s) if the objectives have been achieved.

Your Response

https://www.ucl.ac.uk/learning-designer/viewer.php?uri=/personal/nedeljko.mandic/designs/fid/a93015f8c6384be5ecf7097d692921bc6719f88f267ad7b1e6e4b6ff34794629#listview

„Are we alone in the Universe?" is a project (research) task for the 3rd grade gymnasium students who took the noncredit (non-mandatory) course „Experimental Physics". As the schools in the Republic of Croatia are currently closed and the education/learning is provided on-line (distance learning), the project has been set up by the Google Classroom.
10 students are divided in 2 groups and each group works independently. It is planned that students will work on the project for 6 weeks.

Assessments of Your Response

▾ Relevance of the learning activity

1 / 1 POINTS

PEER MEDIAN GRADE - 1 POINT

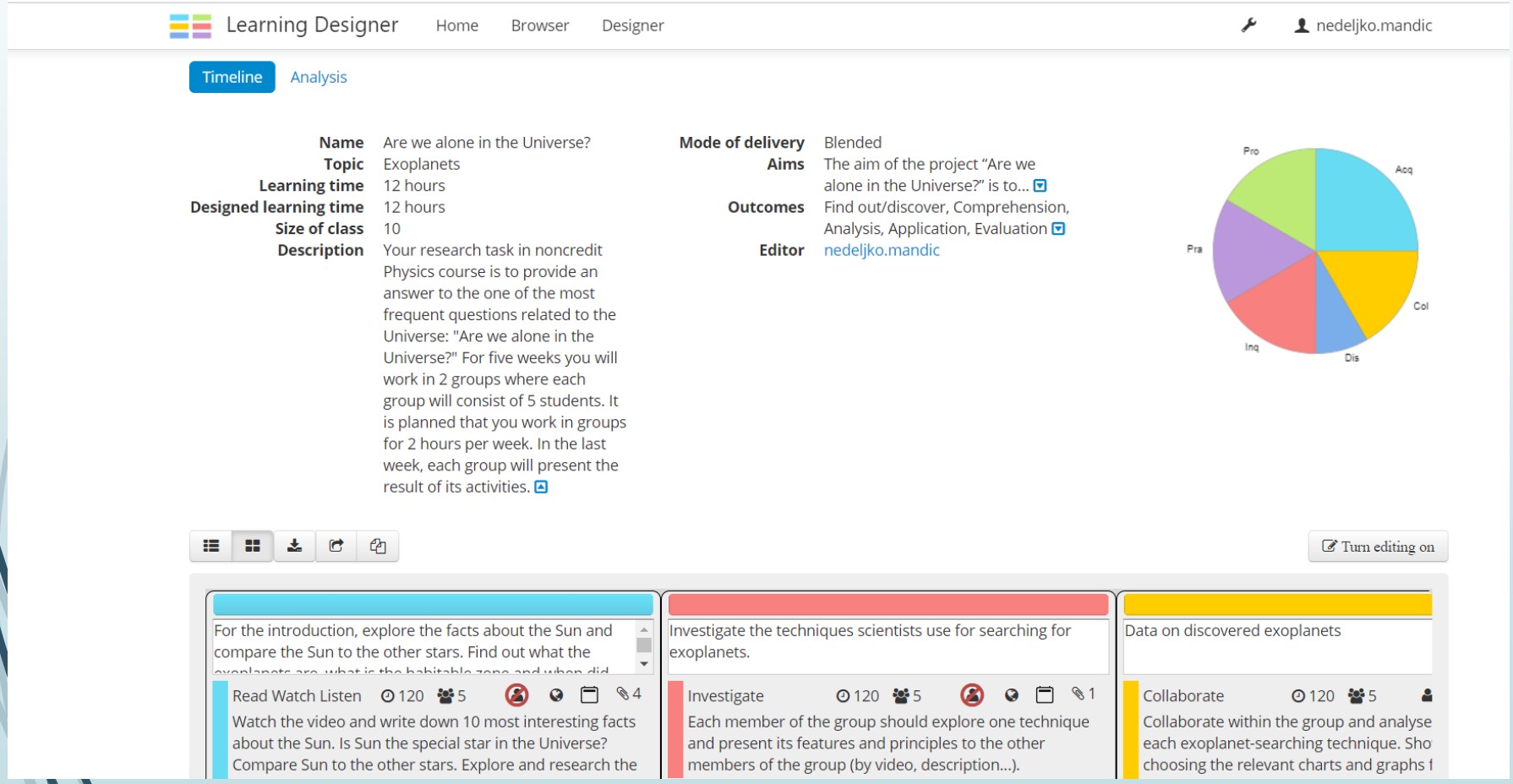
Not present / Present high quality / Present low quality / Present moderate quality

PEER 1 - PRESENT HIGH QUALITY
Very interesting activity! Well done!
PEER 2 - PRESENT HIGH QUALITY
Yes, it i well related to the MOOC' topic and suitable for the autohr's target audience.

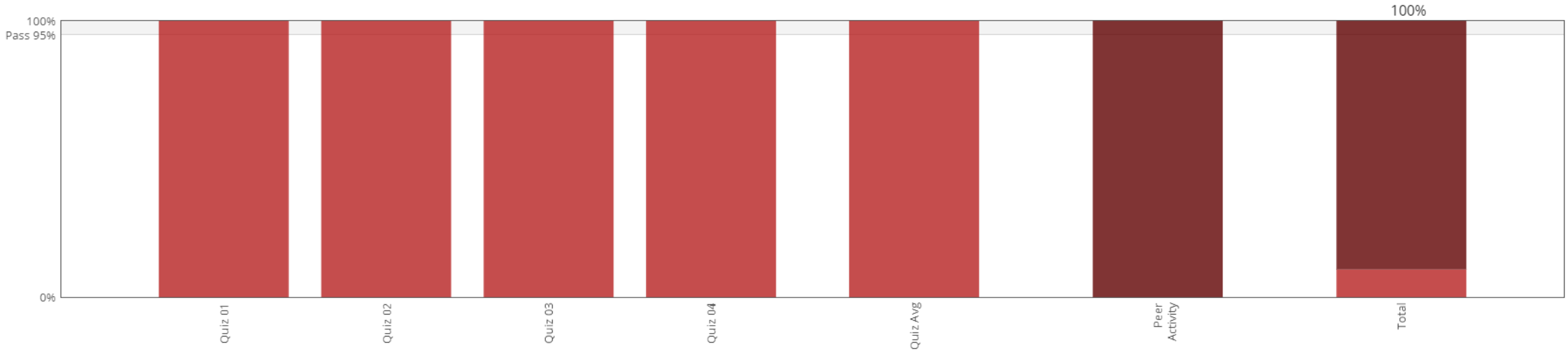
▾ Digital Tools

1 / 1 POINTS

https://www.ucl.ac.uk/learning-designer/viewer.php?uri=/personal/nedeljko.mandic/designs/fid/a93015f8c6384be5ecf7097d692921bc6719f88f267ad7b1e6e4b6ff34794629#listview



Course Progress for Student 'Ned_Mandic' (nedeljko.mandic@skole.hr)



STIM – Schools Tune Into Mars

Schools Tune Into Mars

- Module 1: Space Missions to Mars
- Module 2: Mars Related Experiments in the Classroom
- Module 3: Teaching with Mars Missions
- Module 4: Create Your Own Lesson Plan!

The question for this section

> Remember, the deadline to finish the peer assessment activity (**including your response and peer review**) is 10 June 2020 23:59 CEST.
>
> To submit your lesson plan, please simply **paste your publicly accessible link to the lesson plan and a short description in the text box under "Your response" and press submit.**

Your Response

https://drive.google.com/file/d/1BoK0HlR_O7VT3lafHquZ58v_oupIWZdT/view?usp=sharing

Assessments of Your Response

▾ 1. Aim of the lesson plan

1 / 1 POINTS

PEER MEDIAN GRADE - 1 POINT

Excellent quailty / Good quality / Low quality / Moderate quality

PEER 1 - EXCELLENT QUAILTY

yes

PEER 2 - GOOD QUALITY

Is not enought only 2 lessons

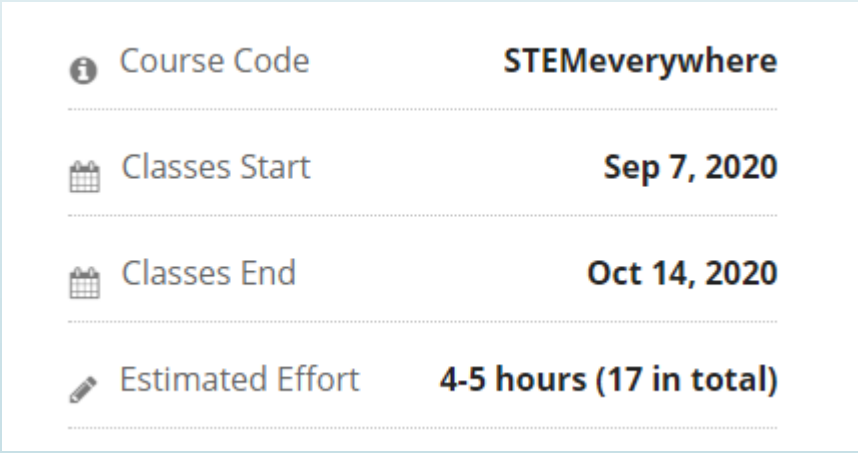
▾ 2. Subject, topic and trends

1 / 1 POINTS

https://drive.google.com/file/d/1BoK0HlR_O7VT3lafHquZ58v_ouplWZdT/view?usp=sharing

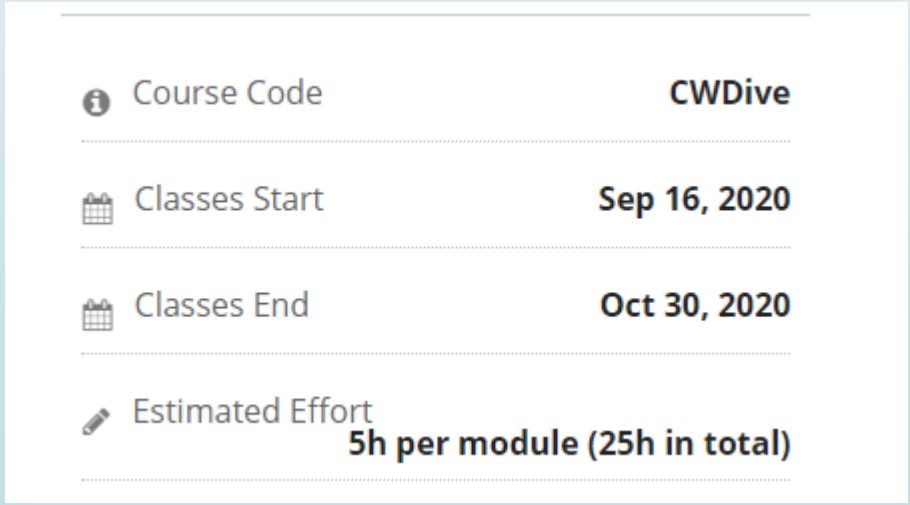
STEM is Everywhere Rerun MOOC

- **Modules**
- Module 1: Towards 21st-century STEM education - *opens on 07/09/2020*
- Module 2: Real-world problems for STEM subjects - *opens on 14/09/2020*
- Module 3: Interdisciplinary STEM teaching with real-world problems - *opens on 21/09/2020*
- Module 4: Submit your real-world STEM lesson plan! - *opens on 28/09/2020*



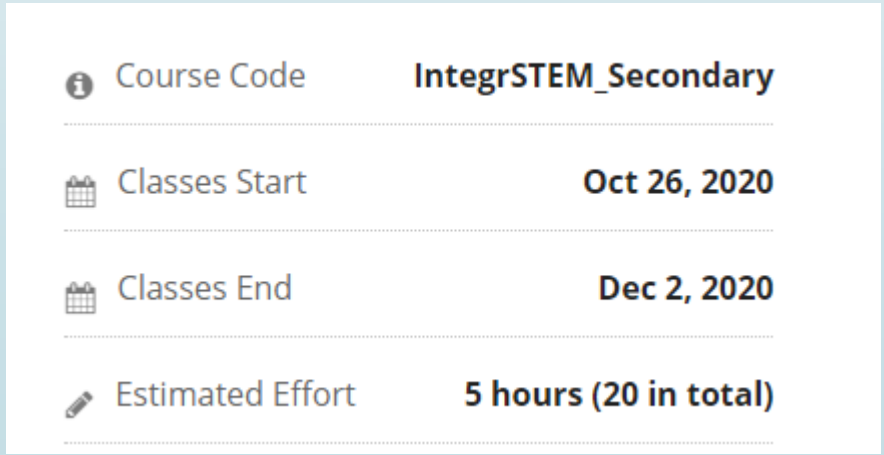
EU Code Week Deep Dive MOOC 2020

- Module 1: Why Coding, Computational Thinking, and the EU Code Week Initiative - *opens on 16/09/2020*
- Module 2: Computational Thinking and Unplugged Coding - *opens on 23/09/2020*
- Module 3: Visual Programming Languages, Scratch & Python - *opens on 30/09/2020*
- Module 4: Robotics, Tinkering and Making - *opens on 07/10/2020*
- Module 5: Coding for All, App Development and CS Fundamentals - *opens on 14/10/2020*



Integrated STEM Teaching for Secondary Schools

- Module 1: Introduction to integrated STE(A)M teaching & relevant pedagogies - *opens on 26/10/2020*
- Module 2: STEM subjects and how STEM careers are contextualized at school - *opens on 02/11/2020*
- Module 3: Examples of Integrated STEM teaching and Learning Scenarios - *opens on 09/11/2020*
- Module 4: Create your learning scenario and peer-assessment - *opens on 16/12/2020*



Evaulacija

- https://forms.office.com/Pages/DesignPage.aspx#FormId=FvJamzTGgEurAgyaPQKQkbEwTQPhwhdCjA4ESfloBs5UNTFUTFc5NlFOQlMyRERXMk5DTTQ4UUk4MC4u