

- Students create sustainable houses of the future

TEACHING GUIDE

DURING the webinar

Program

26. of October at 12.00-14.45 CET (Pay attention to local time differences!!)

11.30-12.00	The webinar opens and everyone logs in	Online
12.00	Welcome, intro and presentation of the mission	Online
	 Sharing knowledge in menti.com The hosts describes the task 2) Build sustainable houses of the future 	Online
	The class works with taskThe teacher facilitates the work and shares the students sustainable houses on Padlet	Work in class
13.15	The hosts provide feedback on student products and describe task 3) A call to action	Online
	The class works with taskThe teacher facilitates the work and shares the students sustainable houses on Padlet	Work in class
14.00	The hosts provide feedback on student products and describe task 4) Feedback	Online
	 The partner classes work together to improve ideas The teacher facilitates the work and share students work on Padlet 	Work in class
14.35	The hosts provide feedback Thanks for today	Online

(Changes may occur)



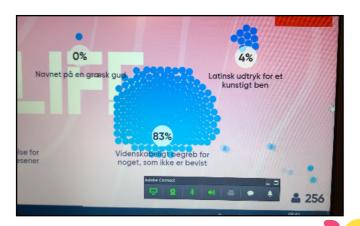
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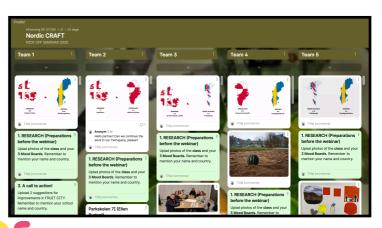


Preparations

- Collect and bring different recycled materials for the creative prototyping proces. For example, paper, cardboard boxes, strings, plastic cans, glue, scissors crayons etc.
- You recieve a mail with a link for the webinar a few days before. Use projector and good speakers so the students clearly can follow the webinar.
- Acces to the webinar opens at 11.30 CET, so it is possible to check the technical setup.
- Make only one log in per class. We have a lot of classes participating in the session, so it won't work if every student logs on individually.
- You will need a pc/tablet from where the teacher can upload the students' products to a shared digital wall at Padlet.
- Attending the webinar each student must bring mobilephone/digital device to participate in the digital pools on Menti.
- The following digital resources are used as process tools during the webinar:
 - ► Padlet https://padlet.com/maja_holdorf/fruit-city-vjuzf62dy1z0jl7i
 - Menti.com (you will get the code during the webinar)





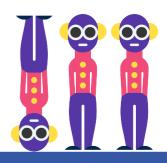


Menti

Padlet

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Tasks DURING the webinar



2. Build sustainable fruit houses of the future

Work in class



We meet online 13.15 CET

BRING

- 3 base plates, glue, scissors crayons etc.
- Recycled materials (eg. milk cartons, newspapers, magazines, plastic bottles, wraps, grass, wood etc.)

- 1. Each of the three groups build a prototype of a sustainable house with the shape of the chosen fruit by using recycled materials. They relate all their choices to the needs of the family and the chosen location.
- 2. Each group **consider** what is absolutely necessary and what can be dispensed.

Let them be aware of three sustainable choices:

- · Choice of materials, fx recycling and upcycling
- Space-saving choices, fx furnitures with several functions, downsizing or unnecessary rooms.
- Choices that makes it possible to do things together as family.
- 3. The groups builds as many good ideas as possible on how to solve the lack of space and resources in- and outside the house. They rethink the way of living and the functions of the house.
- 4. Finally each group takes a picture of their Sustainable Future House and make a short description of their ideas. Share it on <u>Padlet</u> no later than 13.10 CET.













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Tasks DURING the webinar

3. A call to action!

Work in class



We meet online 14.00 CET

- The class needs to take action to make a difference! As architects they
 must do more to reach the goal of sustainable housing. They must improve
 their future houses even more by creating a community A FRUIT CITY where things and functions are shared between families.
- 2. Connect the three sustainable houses to a community and discuss
 - which functions/things can be shared
 - which functions/things cannot be shared
- The class agree on two sustainable improvements, they will add to the community after the webinar. And what functions do they skip in each house? Discuss how to implement it.
- 4. Share the two improvements with your partner class for feedback on the Padlet no later than 13.55 CET.

4. Feedback

Work in class



We meet online 14.35 CET

- 1. Show the class the TAG me!-poster and appoints a secretary.
- 2. The class gives **TAG me! feedback** to their partner class' 2 improvements for FRUIT CITY. Look at the padlet to find their improvements.

The feedback must contain:

- Tell something you like about the improvements
- Ask a question related to sustainability
- Give a sustainable advice

3. **Share your TAG me!-feedback** by uploading a picture to the <u>Padlet</u> of the TAG-me!-poster no later than 14.30 CET.

STUDENT MATERIALS

 Hand out: <u>TAG me!</u> (1 copy in A3)

