**Subject 10: Sustainable living in Dordrecht**

**Introduction**

During this project you are going to make a “pitch” (short and interactive presentation) for younger pupils (age 10-12).

The pupils will visit your pitch, in total 10 groups of each 10 pupils. So you have to do the pitch a total of 10 times! In the end each pupil will decide which pitch was the best/interesting/most informative, by putting a fiche in the box of the concerning Unit. The Unit with the most fiches in the end is the winner!

**Instruction**

Your topic is **Sustainable living in Dordrecht**. To be ready for the future is not just a personal issue. Cities also play a big part in the transition to a more sustainable way of live. Your task is to investigate what the city of Dordrecht is doing in this matter.

**Some points of notice:**

* You are going to interview Joost Leemans from Dordt Duurzaam in Dordrecht.
  + Time: Tuesday 11.00
  + Place: Service Centrum Drechtsteden, Spuiboulevard 300, Dordrecht (go to reception at ground flour and tell them about your appointment with Mr Leemans)
* Show the pupils during your pitch what kind of projects are being set up by the city of Dordrecht to improve sustainable living.
* Invent a captivating activity for the pupils to do during your pitch!

**Some sources you can use for this topic:**

* <https://www.urbangreenbluegrids.com/projects/plan-tide-dordrecht-the-netherlands/>
* <https://www.drechtsteden.nl/drechtsteden-english/sustainability-factory>
* <https://www.warmtenetdordrecht.nl>
* <https://www.dordtduurzaam.nl/actueel/oude-nieuwsberichten/september-2016/meld-uw-huis-aan-voor-de-duurzame-huizenroute>
* <https://www.hvcgroep.nl/nieuws/start-bouw-zonnepark-crayestein>
* Tips for sustainable living: <https://youtu.be/ELEn3gSQZiQ>
* Ted talk living sustainable in LA: <https://www.youtube.com/watch?v=EzZzZ_qpZ4w&list=PLSGmpyDbL0hJ4b7ET0tJfYo0paLe6iqQK>

**Some sources with ideas for learning activities:**

* <https://globaldigitalcitizen.org/21-formative-assessment-tools>
* <http://www.queensu.ca/teachingandlearning/modules/active/12_exmples_of_active_learning_activities.html>
* <https://www.edutopia.org/blog/5-fast-formative-assessment-tools-vicki-davis>

**Schedule:**

**Quizizz in classrooms on Monday:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Hour | | | | Time | Class | Teacher | Classroom |
| **2e** | **3e** | **4e** | **5e** |
| 10 | X |  | - |  | 9.20-10.10 | A3A | VLP | H022 |
| 10.10 !!! | H3B | HML | H111 |
|  | X | - |  | 10.30-11.20 | H3D | KWA | H204 |

**Workshops:**

* Monday 11.30-12.30 Solar cell (Science Truck)
* Monday 14.20-15.10 Interviewing (H026)
* Tuesday 09.20-10.10 Bioluminescence (Science Truck)

**Monday** (H027, between 11.20 and 13.00 in HK24)

* 13.30-15.30: working on the science project:
  + Discuss with your unit what you want to show to the pupils
  + Make a start with the pitch (presentation + activity) of 8 minutes
  + Arrange an interview with company/organisation
  + Make a list of materials you need for the activity and make sure you have this materials in time!

**Tuesday** (Start in H101, from 11.00 in H027)

* 9.00-16.00:
  + Visit to Dordt Duurzaam for interview (11.00)
  + Working on the pitch (presentation + activity) of 8 minutes

**Wednesday** (H027)

* 9.00-12.30:
  + Working on the pitch (presentation + activity) of 8 minutes

**Thursday** (H027)

* 9.00-14.30:
  + Working on the pitch (presentation + activity) of 8 minutes
  + 9.20-11.20: Rehearsal of pitch (lower class students)
  + Use the feedback to make adjustments to your presentations

**Friday** (H027)

* 9.00-9.30:
  + Last preparations
* 9.30-12.00:
  + Presentations for primary school pupils