**Subject 5: Sustainable Insula College**

**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 **a sustainable Insula college**. Our school building is an monumental building. This means it is unique and has to be preserved for the future. The downside is that the building is old and does not meet up the current standard for a sustainable building. What changes or adaptions can the school make to become more sustainable and better ready for the future, without changing the character and looks of the building?

**Some points of notice:**

* You are going to interview Willy Verbakel and Hanneke Kijlstra from Drechtse Energie (cooperation specialized in sustainable energy)
	+ Phone number: 06-53768190
	+ Time: Tuesday 9.30 (call on Monday to make arrangements)
	+ Place: Nieuweweg 56 Dordrecht
* Arrange an interview with Mr Zebel, one of the directors of our school
* Show the pupils during your pitch what the Insula College can do to become more sustainable.
* Invent a captivating activity for the pupils to do during your pitch!

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

* Interview Drechtse Energie
* Interview Mr Zebel
* <https://amsterdamsmartcity.com/projects/monumental-buildings>
* <https://www.tribuneindia.com/news/tribune-realty/spaces/make-existing-structures-sustainable/169589.html>
* <https://www.youtube.com/watch?v=Qa_OWDPrxeI>

**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** |
| 5 | X | - | - |  | 9.20-10.10 | HV1D | ZOM | H222 |
| HV1F | MOL | H104 |

**Workshops:**

* Monday 10.30-11.30 Solar cell (Science Truck)
* Monday 14.20-15.10 Interviewing (H026)
* Tuesday 11.20-12.10 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:
	+ Interview with Drechtse Energie (9.30-10.30)
	+ 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