

*Project based on Colour in Physics*  
*European section 1°*

Sequence 1 and 2 - 20 and 27 of november 2023

**Negotiating the curriculum and doing democracy in the classroom**

You chose your topic and your groups : 4 groups for 4 topics

**Theme 1 : How do rainbows form ? *Kalysta***

**Theme 2 : How do we perceive colours ? Vision in colours *Alyssa and Margaux***

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**Theme 3 : How do Northern lights form ? *Arnaud and Nicolas***

**Theme 4 : How do « machines » to see IR rays work ? *Laura***

Sequence 3 to 5 and between – 4 to 18 of december 2023 -

1. Where can you find information ?

- On the WEB **but be careful : only native sources in English !** Note your sources !
- In the CDI (scientific magazines in English) etc...

2. Making yours the topic + drawing up a plan

In pairs, think about what you need to learn more about your topic. Note your ideas. Then, thanks to your researches, make yours the topic, improve your knowledge about it (**precisely your scientific one**) and **draw a plan with your partner**.

**Now, you can divide up the work**

3. How can you present your findings ?

**Choose the way you want to present your findings :**

Slide show + oral presentation, video, poster, experiments , a mini play, a sketch ... ?

Sequence 6 – Monday 8 january : how should assessment be structured ?

Work in groups of 4 : main criteria to build an assessment grid for students to evaluate their peers

Sequence 7 and 8- Final presentations - Monday 15 and 22 january 2024

Presentations to your classmate, and who else ? Questions and answers on the topic

Assessment by the teacher (double counting vote) and your peers thanks to the assessment grid built together.

Sequence 9 – Written test on all presentations- Monday 29 january