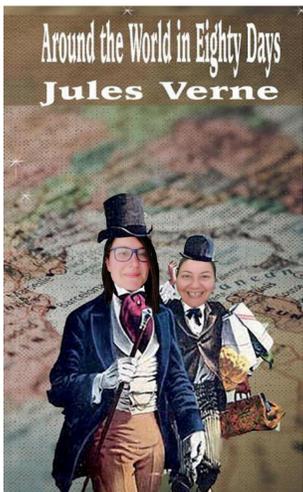


# SCIENCE FOR THE YOUNGEST

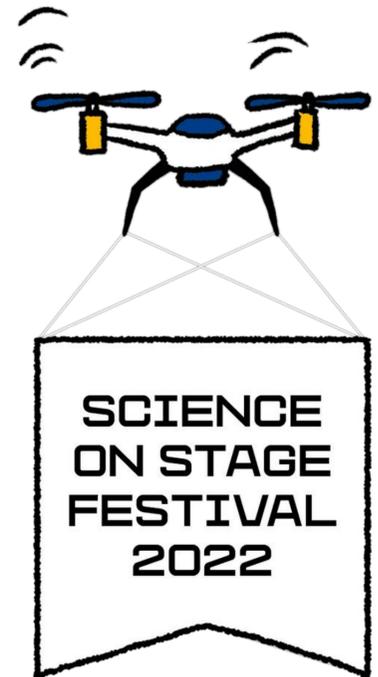
Angeliki Samanta | 48<sup>th</sup> Primary School of Athens | Athens | Greece  
 Evangelia Samanta | 3<sup>rd</sup> Gymnasium of Langada | Thessaloniki | Greece

## Phileas Fogg in the 21<sup>st</sup> century



“Phileas Fogg in the 21<sup>st</sup> century” is a **STEAM**, multidisciplinary (Physics, Geography, Math, Literature, Art) educational suggestion.

Based on the classic book of Jules Verne “**Around the world in 80 days**”, it was attempted, using inquiry-based activities to deal with the *rotation of the earth*, the *day & night cycle*, the *time zones* and the *technology evolution* over the years.



This project included the following activities:

- ✓ **Studying** Jules Verne’s book “Around the world in 80 days”, noting **locations and dates**.
- ✓ **Making a list** of things needed for a trip around the world **now and then**.



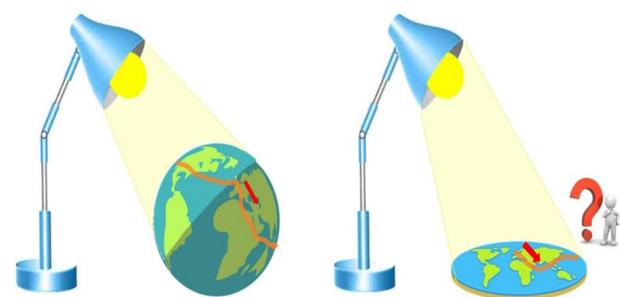
- ✓ **Construction** of a 24hour analog clock



- ✓ **Finding** Phileas Fogg’s **place** on the globe and map



- ✓ **Experiment** in order to show that Phileas Fogg was not a flatearther.



*Note: This project started occasioned by the European Union’s decision to stop the change of summer and winter hour on October of 2021. Due to the covid pandemic, it was decided to consider this change after its ending.*

Using literature in order to teach and clarify scientific terms may be very interesting and exciting!