



Group F: Aidana Amrenova (Nagasaki University)

Nguyen Phuong Thoa (Fukushima University)

Kamila Zhumagaliyeva (Nagasaki University)

September 2-4, 2019



Title: The dose scale



## Target population

8-10 years old elementary school students

- enough basic knowledge
- be able to make thoughtful conclusions

**Age limitation:** it's difficult to keep children's attention

# **Illustrated Pop-up book**

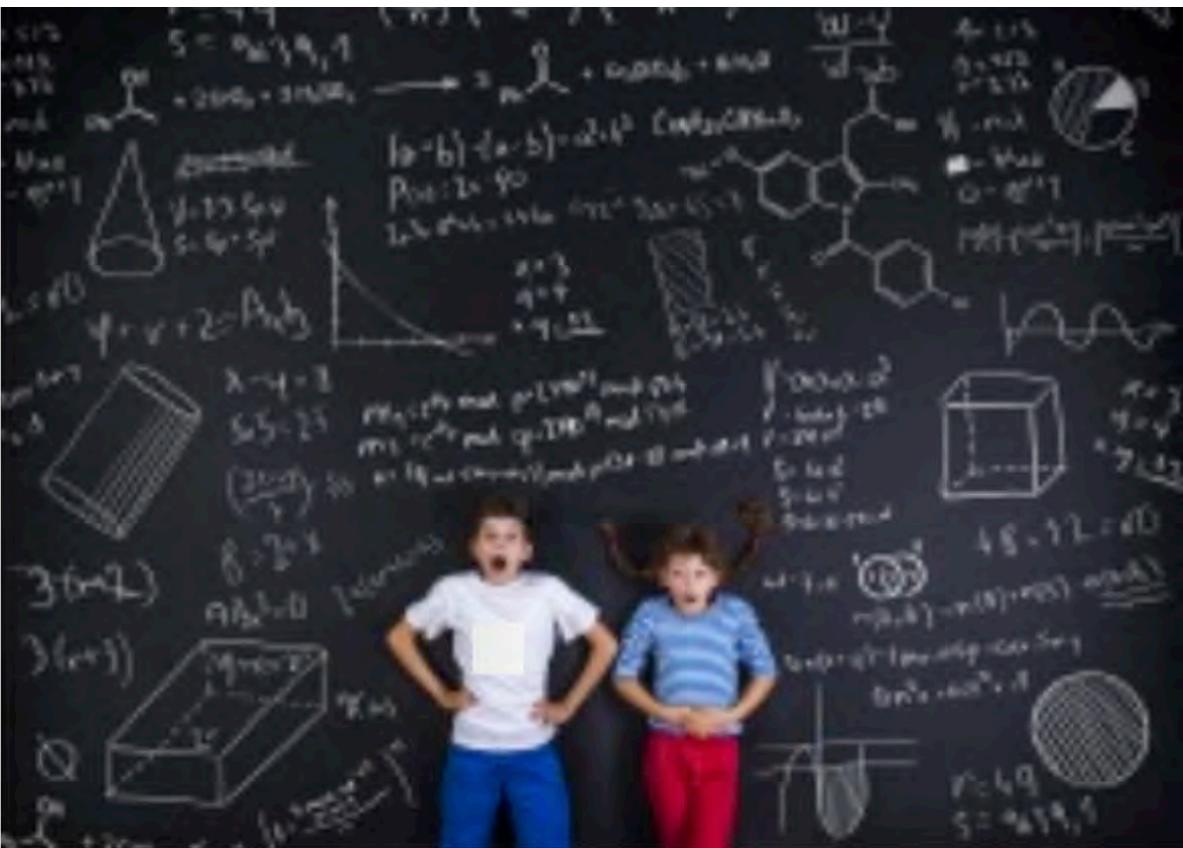


It will include theoretical part and activity pages

## Why book?

- Excite and interest them
- Fun and not tiring
- Creative work makes memorization easier

!!! Keep the concentration



# Why the dose scale?

- important to formulate the right understanding about the radiation from the young age
- radiation is everywhere
- to show that radiation is not always harmful



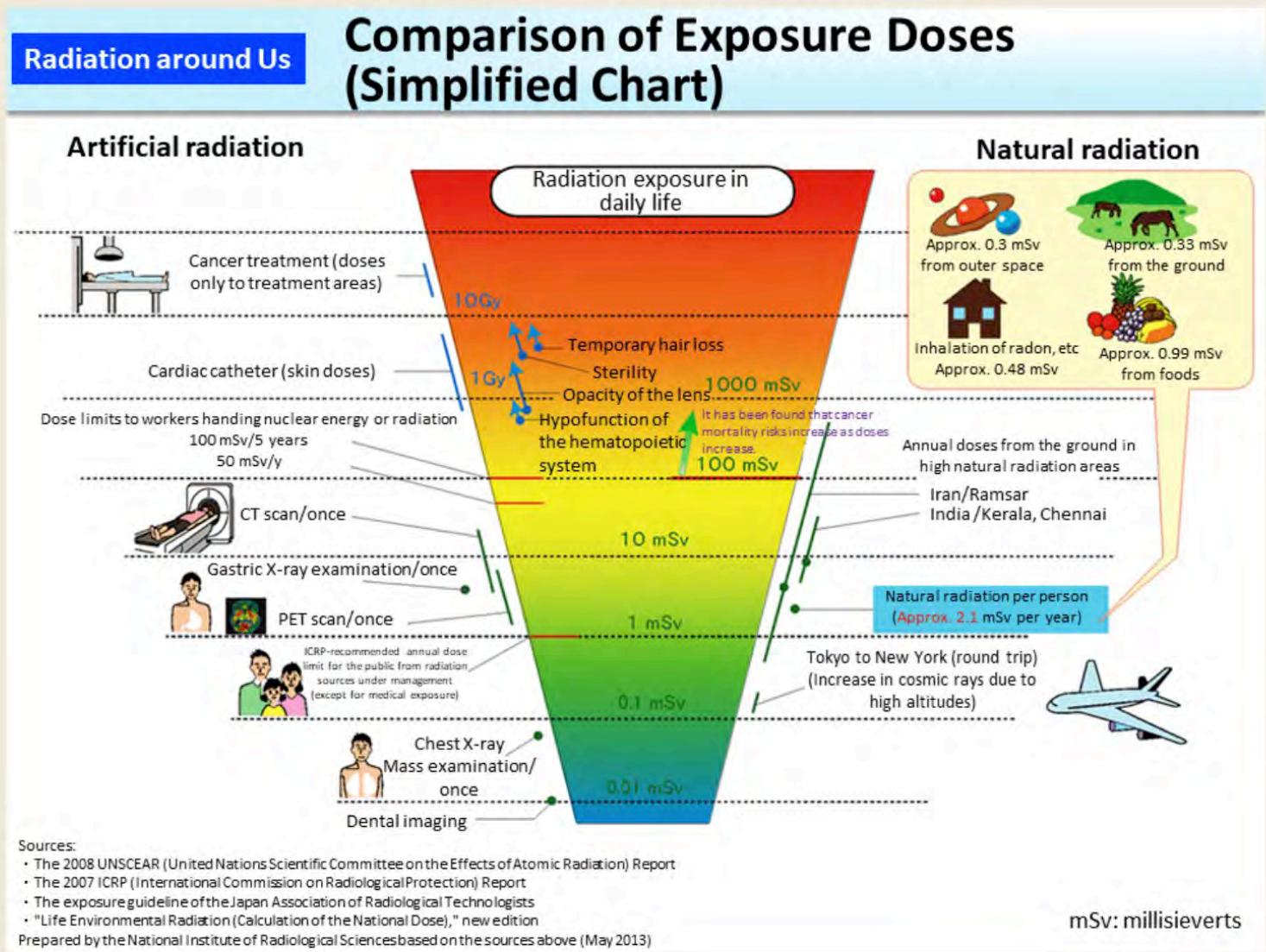
ACT 1

ACT 2

ACT 3

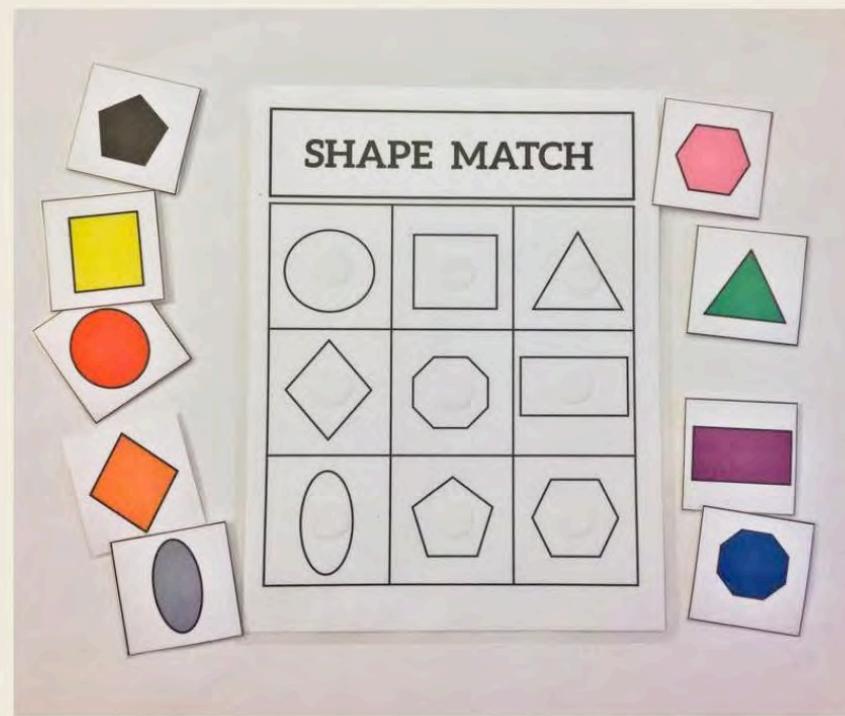
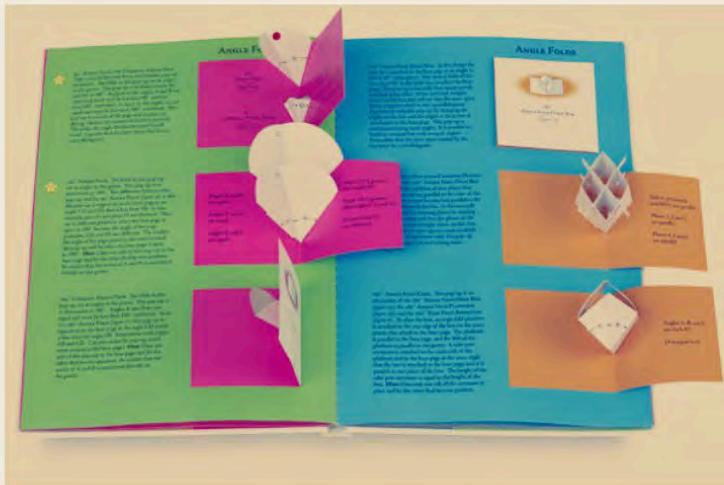
- The book includes theoretical part followed by activity pages.
- Pages number: around 10-20

# Theoretical part



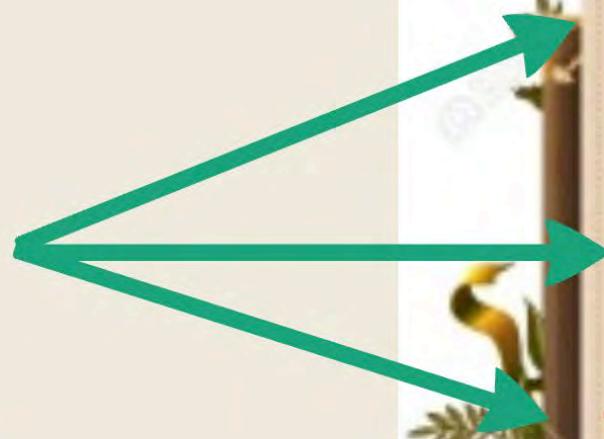
# Example of the activity part

Task sheets, matching game, advent calendar



## Example of the activity part

Simulated simplify  
dosimeter

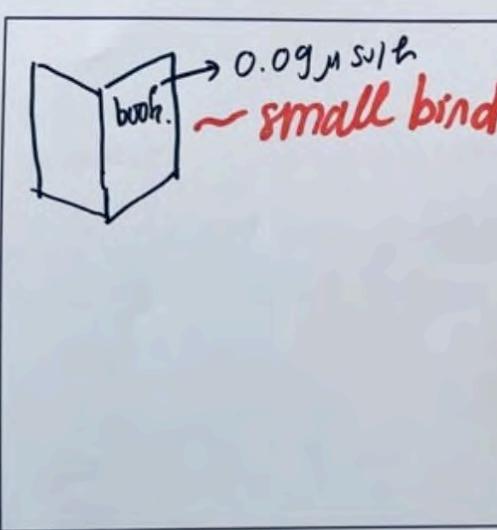


# STORY BOARD

Team name:

F  
Amrenova Aidana, Zhumagal iyeva kamiln  
Nguyen Phuong Thoa

自分たちのアイデアを 1 文で説明してください。(A sentence to explain your idea.)



- **Don't**  
**Ignore**  
your  
kid!

Pop-up  
Book

Well-  
educated

Future  
in  
HIS / HER  
HAND

**Thank you for  
your attention!**