



STEM for inclusive Schools

WP2 – Activities

Worksheet – Smart Agriculture

Science /Technology (*August 2024*)

INOGIT

Project Title: STEM for inclusive Schools

Acronym: STEMinSCH

Reference number: 2023-1-DE02-KA220-000151162

Project partners:

- P1 University Paderborn (UPB), DE
- P2 Universitatea Dunarea de Jos din Galati (UDG), RO
- P3 Scoala Gimnaziala Nr. 7 Galati, RO
- P4 Siec Badawcza Lukasiewicz - Instytut Technologii Eksploatacji, PL
- P5 Inovatif ve Girisimci Toplum Dernegi, TR
- P6 Sucessos Criativos, Lda, PT



Worksheet for the Activity:

Smart agriculture - creating a smart soil irrigation system

name of the activity

Task description:

Time to finish the task: 1 week

Supplies:



A smart soil irrigation system designed by yourself

Method:



Realizing smart soil irrigation with the simple system you developed



Instructions:

Check soil moisture status 3 times each day in the morning/noon/evening at a certain time for a week and write in the protocol sheet on the next page your observation data.

Your Group name:



Write the names of your group members in the box:





Graphics and Tables:

Fill in the observation table 1:



N O	Date	Soil Moisture Dry/Wet/Normal	Air Temperature (°C)	Humidity (%)	Plant Height (cm)	Watering Amount (L)
1						
2						
3						
4						
5						
6						
7						