



Name of the Activity: The weather protocol – Creating a weather station

Outcomes		Teaching and Learning activities	Assessment
Having taken this activity, the participants will be able to:		The participants will be taught to achieve this specific outcome through the following learning activities:	The participants will be assessed on their achievement of this specific outcome through the following assessment tasks:
Blended Learning Format - Face-to-face	recognize the importance of climate change in for people and the planet and the difference of daily weather and climate.	Presentation with classroom discussion as well as videos on climate change	Pro-contra discussion
	tell about elements of a weather station and typical examples.	Presentation and weather station video as well as own creation of a weather station	Own weather station and protocol
	differentiate the different measurement instruments of a weather station.	Presentation on the measurement instruments and exploring the real measurements instruments in the classroom	Doing the measurement on their own and filling in an observation protocol
	plan and create a simple weather station.	Video on easy to create weather station, doing a group work to plan and another one to create the weather station	Own weather station and protocol
	communicate about results and observations while taking care of learners with special needs.	Discussion of the plans for the weather stations as well as the results of the observations in the groups as well as in the class on the basis of collaboration and discussion norms.	Classroom and group discussions
	observe and document weather conditions.	Documentation of the weather over two weeks using the instruments of the weather station and the protocol worksheet	Filled-in protocol worksheet and result discussion
	hint to the importance of dealing with climate change	H5P-task – right-wrong H5P-task – multiple choice H5P-task – fill-in the gap	Assessment via interactive tasks



Interactive Learning Tasks, Gamification/ Nudging / Online	differentiate types of measurement instruments	H5P-task – crossword H5P-task – right-wrong	Assessment via interactive tasks
	point the difference between digital and infrared thermometers.	H5P-task – right-wrong	Assessment via interactive task