
	CHANGING FOR CLIMATE CHANGES	

Science 1: small experiments that scientifically prove climate change

- Experiment: see protocols
- Outcome: 2 e-books (group A and group B)
- Every team is responsible for the description of one experiment in the e-book: explanation, results, pictures, videos, ...

	experiment	Team group A	Team group B
1	Rising sea levels due to seawater warming	A1	B1
2	The greenhouse-effect because of CO ₂ -emissions	A2	B2
3	Air-quality (particulate matter)	A3	B3
4	Consequences of acidification of seawater (shells)	A4	B4
5	Consequences of CO ₂ on acidification of sea-water	A5	B5
6	Consequences on solubility of CO ₂ in warmer sea-water	A6	B6
7	Plants make O ₂ out of CO ₂	A7	B7
8	Acid rains	A8	

During lessons: each team performs several experiments. You only have to take pictures of the experiment for which you are responsible for the e-book.

Team	Experiment for e-book	Extra exmperiment 1	Extra experiment 2
A1 – B1	1: Rising sea levels	7: plants make O ₂	5: CO ₂ and acidification
A2 – B2	2: Greenhouse-effect	6: solubility of CO ₂	4: acidification: shells
A3 – B3	3: Air-quality	1: Rising sea levels	5: CO ₂ and acidification
A4 – B4	4: Acidification: shells	2: Greenhouse-effect	6: solubility of CO ₂
A5 – B5	5: CO ₂ and acidification	4: Acidification: shells	7: plants make O ₂
A6 – B6	6: solubility of CO ₂	8: rising sea-levels	2: Greenhouse-effect
A7 – B7	7: plants make O ₂	5: CO ₂ and acidification	1: Rising sea levels
A8	8: acid rains	2: Greenhouse-effect	4: acidification: shells