



A set of experiments to understand global warming

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We have developed a set of experiments addressed to pupils from the age of 14 to teach the basic causes and effects of global warming. Through ten experiments conducted in turns by the pupils themselves, they will understand the physics, biology and chemistry of the main issues linked to the increase in greenhouse gases in our atmosphere. More specifically, the hand-made, low-cost material, allow the students to discover and experiment the science of the greenhouse effect, sea level rise, ocean circulation, ocean acidification, species relocation and extinction, differential heating according to the albedo, carbon cycle, and photosynthesis. Technical notes give background theory input. All the experiments can easily be reproduced.