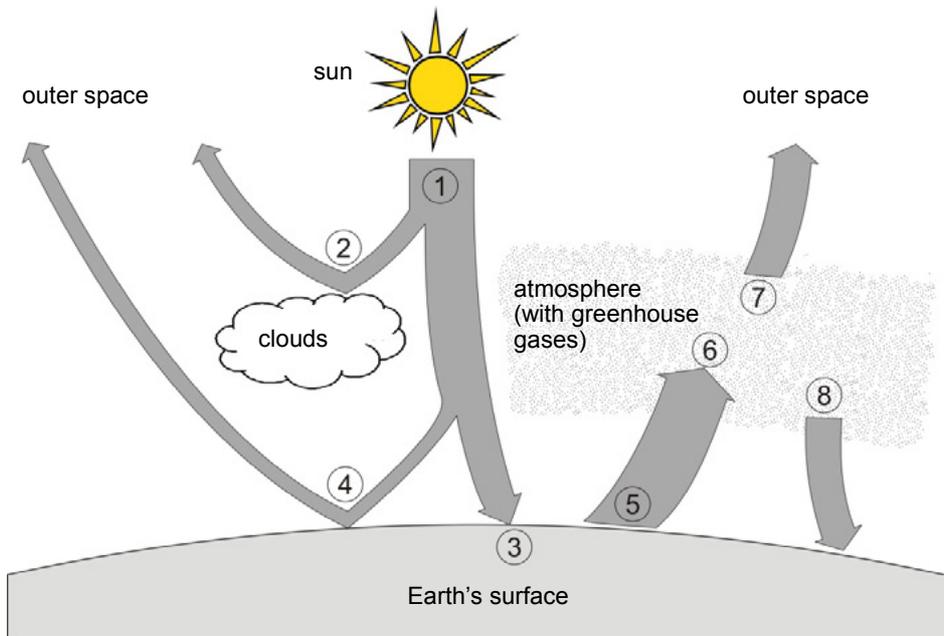


Worksheet 2 (answer sheet): Greenhouse effect in a drinking cup – A model for illustrating climate change

Task

With the help of the text boxes write down 8 sentences to the numbers in the diagram. Elements from the text boxes can be used more than once.



atmosphere Earth's surface sun clouds	absorb emit reflect	a portion of the heat radiation heat radiation	into to	Earth's surface outer space
--	---------------------------	---	------------	--------------------------------

1. The sun emits heat radiation to the Earth's surface.
2. The clouds reflect a portion of the heat radiation into outer space.
3. The Earth's surface absorbs a portion of the heat radiation.
4. The Earth's surface reflects a portion of the heat radiation into outer space.
5. The Earth's surface emits heat radiation.
6. The atmosphere absorbs a portion of the heat radiation.
7. The atmosphere emits a portion of the heat radiation into outer space.
8. The atmosphere emits a portion of the heat radiation to the Earth's surface.