

## Worksheet 1 (answer sheet): Greenhouse effect in a drinking cup – A model for illustrating climate change

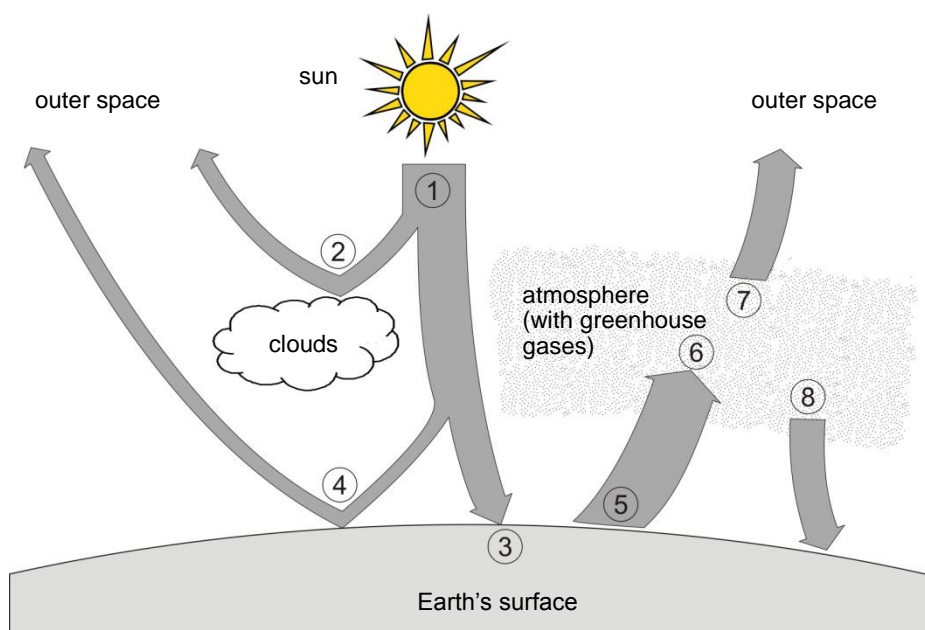
### Task

Fill in the gaps in the text. Use the words from the wordlist.

#### Wordlist

Earth's surface  
sun  
cloud  
atmosphere  
into outer space

emit  
absorb  
reflect



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.
5. The Earth's surface emits heat radiation.
6. The atmosphere with greenhouse gases absorbs this heat radiation.
7. The atmosphere emits this heat radiation into outer space.
8. The atmosphere with greenhouse gases emits heat radiation to the Earth's surface.