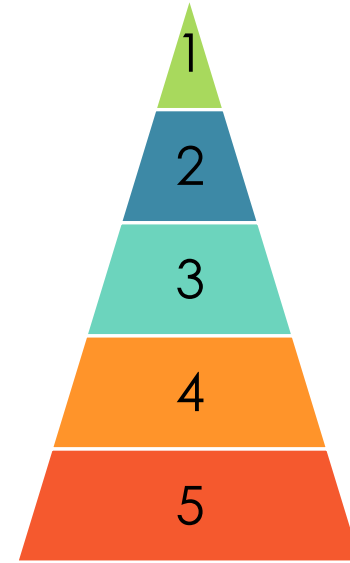




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Lighting



Key

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Rank:

1



11 Kg CO₂

Average carbon footprint emitted by household per year

Lighting has a low level carbon footprint if low energy bulbs for homes are used (11 Kg CO₂). Old-fashioned incandescent bulbs can account for almost six times more carbon emission (63 Kg CO₂). Energy use for lighting has increased by half since 1970 despite widespread take-up of low energy lights.

Source 1: UK Housing Energy Fact File (2013)

<https://www.gov.uk/government/statistics/united-kingdom-housing-energy-fact-file-2013>

Source 2:

<https://www.carbonfootprint.com/energyconsumption.html>

Directions:

Game created by
Aberdeen Climate
Action (ACA)

Source 1: UK Housing Energy Fact File (2013)

<https://www.gov.uk/government/statistics/united-kingdom-housing-energy-fact-file-2013>

Source 2:

<https://www.carbonfootprint.com/passenger-transport/view>

Rank the different types of **household energy use** from 1 (least) to 5 (most) based on the amount of greenhouse gases emitted by:

- House heating
- Hot water
- Tumble dryer
- Lighting
- Cooking

Discuss with your group what types of household energy use have the lowest and highest carbon footprints and why.