

Energy: renewable, non-renewable and sustainability

energy-forces

What you need: energy-source cards (wind, sun, hydro/river water, peat/turf, natural gas) · three-zone ranking labels (More sustainable / In the middle / Less sustainable) · Investigation Journal pages · Ireland outline map (printed class copy) · pre-slit paper squares for wind catchers (about 15 cm) · dressmaking or drawing pins · pencil with rubber end · scissors

Words to use

Renewable energy · Non-renewable energy · Sustainability

Our question

If a small wind farm were planned on a green ridge outside a nearby town, with houses and a boggy field nearby, what advantages and drawbacks should people weigh?

Words to sort

wind · sun · hydro (river water) · peat (turf) · natural gas

Place each source into more sustainable, in the middle, or less sustainable for Ireland. Give one clear spoken reason per card using child-friendly starters (it keeps coming back / it will run out / it can harm land or air). A full 1–5 line is optional stretch only.

more sustainable	in the middle	less sustainable

What I found out