

### Revision speed dating

Each student in the class will need a speed dating card and something to write with.

On the top of their card, they will have a scientific keyword or concept to represent. They should not share this with anyone. You may need to give students the opportunity to check what their keyword means if they are not sure.

The principle is very simple. Nominate one half of the class as sitters, and the other as movers. When the time begins, the sitter must try to find out who or what the mover is ... But:

- The sitter is only allowed to ask questions
- The mover is only allowed to answer with either 'yes' or 'no'.

When the sitter has asked their questions, it is the mover's turn to find out as much as they can about the sitter. Time is of the essence; two minutes for each 'date' should be sufficient. Use the [Teachit timer](#) to keep things moving along nicely!

At the end of the date, they should both write down their answer, but NOT share it at this stage.

Then the mover moves on to his or her next date.

When all movers have met all of the sitters, take feedback. Who got it right?

### Some suggested keyword lists:

- ecology

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abiotic, adaptations, biomass, climate, community, consumers, decomposer, detritus, energy, ecosystem, food chain, food web, habitat, herbivore, migration, kilojoule, key, light, microorganisms, nutrients, oxygen, photosynthesis, predators, producers, pyramid of number, population, quadrat, respiration, species, sampling, transect, trophic level, water, waste, xerophytes, zonation

- the periodic table

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atomic number, atomic mass, electrons, neutrons, protons, nucleus, shells, ions, atoms, molecules, molecular formulae, moles, Avogadro's constant, Mendeleev, periods, groups, non-metals, metals, alkali metals, noble gases, halogens, hydrogen, reactivity, elements e.g. lithium, sodium, potassium, magnesium, calcium, copper, carbon, gold, aluminium, helium, neon, chlorine etc

- electricity

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energy, watt, bulb, circuit, parallel circuit, series circuit, voltage, volt, amp, ohms, ammeter, voltmeter, buzzer, switch, motor, resistor, resistance, current, power, charge, electron, potential difference, short circuit, insulator, conductor, kilowatt hour, filament, battery, cell, L.E.D, alternating current, thermostat

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