

Living Things Connect Four Game

organisms	microorganisms
vertebrates	invertebrates
variation	discontinuous variation

Part of Game Board

vertebrates that feed their young on milk and whose babies grow inside the mother

Sample Cards

one kind of micro organism

having features that mean an animal or plant is suited to their habitat

invertebrate with lots of jointed legs

Consolidating Vocabulary at KS3 and KS4

Living Things Connect Four

Produced by Rose Elgar when at the Cambridgeshire Multicultural Education Service. One of a series of bingo, connect four and dominoes activities for consolidating the spelling and meanings of scientific vocabulary at KS3 and 4.

Last updated: 24th July 2017

The webaddress for these activities is
<http://www.collaborativelearning.org/livingthings.pdf>

Collaborative Learning = Oracy in Context
makes challenging curriculum accessible.
improves social relations in the classroom.
provides scaffolding for exploratory talk.

Good for all pupils!
Vital for EAL pupils!

Basic principles:

1. Build on prior knowledge.
2. Move from concrete to abstract.
3. Ensure everyone works with everyone else.
4. Extend social language into curriculum language.
5. Provide motivating ways to go over the same knowledge more than once.

COLLABORATIVE LEARNING PROJECT

Project Director: Stuart Scott

We support a network of teaching professionals to develop and disseminate accessible talk-for-learning activities in all subject areas and for all ages.

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Living Things Connect Four Game Board

organisms	microorganisms	bacteria	virus	classification
vertebrates	invertebrates	mammals	amphibians	arthropod
variation	discontinuous variation	continuous variation	adaption	habitat
camouflage	insulation	microorganisms	invertebrates	virus
bacteria	vertebrates	arthropod	organisms	habitat

HOW TO PLAY LIVING THINGS CONNECT FOUR

You need 4 people, one gameboard and two sets of cards (different colours.) Work with your partners to make two teams of two. Each pair takes a set of cards. Teams shuffle their cards and place them in a pile facing down. Teams take it in turn to turn over their top card and decide where to put it on the board. The winning team gets four in row diagonally, vertically or horizontally.

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Living Things Connect Four Cards

Print in two colours and cut up. It's a good idea to have some keen students willing to do the preparation and keep things in order

living things	the smallest living things	one kind of micro organism	one kind of micro organism	putting living things that have similar features into the same group
animals with backbones	animals without backbones	vertebrates that feed their young on milk and whose babies grow inside the mother	vertebrates with smooth moist skin and jelly like eggs laid in water	invertebrate with lots of jointed legs
differences between living things e.g. eye colour	discontinuous variation	where features vary gradually e.g. weight, height etc.	having features that mean an animal or plant is suited to their habitat	where a plant or animal lives
where an animal uses its colour to hide from predators	a layer of fur or fat that keeps an animal warm	the smallest living things	animals without backbones	one kind of micro organism
one kind of micro organism	animals with backbones	invertebrate with lots of jointed legs	living things	where a plant or animal lives