

## Glossary

**anther / ketehae** - *the part of a stamen that contains the pollen*

**carbon dioxide / huahā** - *raw material needed in photosynthesis*

**carpel / hema-uwha** - *the female parts of a flower*

**cross pollination / ruingahae-whakawhiti** - *pollination of a flower or plant with pollen from another flower*

**dispersal** - *the spreading of seeds from a plant*

**fertilisation** - *joining of the male and female cells*

**filament / kaka** - *part of the stamen that supports the anther*

**flower / pua** - *part of the plant where seeds are made*

**fruit / hua** - *the part of the plant that contains the seeds*

**germination / tinakutanga** - *when the seed starts to grow*

**leaf / rau** - *usually green; the part where the plant makes its food*

**light / aho** - *energy needed for photosynthesis*

**moisture / haumakū** - *water stored in the soil and taken up by the roots of a plant*

**nutrients / taiora** - *minerals that plants absorb from the soil to help them grow and stay healthy*

**ovary / wharekano** - *the part of the carpel that contains the ovules*

**ovule (egg) / kano (hua)** - *found in the ovary and develops into a seed after fertilisation*

**oxygen / hāora** - *gas released in photosynthesis*

**petal / raupua** - *often brightly coloured and attracts insects and helps to protect the rest of the flower*

**photosynthesis / ahotakakame** - *process by which plants use sunlight to create food from water and carbon dioxide in the air to make sugar*

**pollen** - *dust-like powder made in the stamen*

**pollination / haenga, ruingahae** - *the transfer of pollen from the stamen to a stigma*

**roots / pakiaka** - *takes up water and in many plants anchors or holds the plant in the soil*

**root hairs / weri** - *the smaller roots that grow from the main root*

**seed / kākano** - *develops from the ovule after fertilisation and may grow into a new plant*

**seed dispersal / ruirui kākano** - *the movement, spread or transport of seeds away from the parent plant*

**self pollination / ruingahae-kiri** - *pollination of a flower by pollen from the same flower or from another flower on the same plant*

**sepal / raukōpaki** - *often green; protects the rest of the flower*

**shoot / pihi** - *the growth that appears from the seed and grows towards the light*

**stamen / hema-toa** - *the male part of the flower where pollen is made*

**stem / tātā** - *the part of the plant that the leaves and flowers are joined to*

**stigma / tauhae** - *part of the carpel that pollen grains become attached to during pollination*

**stoma / poare** - *opening for gas exchange*

**sunlight / hiri** - *energy needed for photosynthesis*

**water / wai** - *raw material needed in photosynthesis*