the space between the particles	The force exerted over an area. twinkl.co.uk
pressure	The equation used to find pressure.

force ÷ area	The total area of an object.
	twinkl.co.uk

surface area	The unit used to measure pressure.
	twinkl.co.uk

twinkl.co.uk

## pascal (Pa) Substances, such as liquid or gas, which can flow are described as this. winkd.co.uk

fluid	Resting air exerts this on to the Earth's surface.
	twinkl.co.uk

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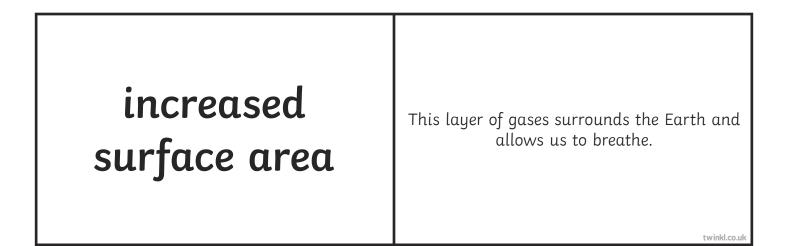
twinkl.co.uk
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upthrust	Particles in gas and liquid exert pressure in this way.
	twinkl.co.uk

all directions	Atmospheric pressure does this with height.
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decrease	Pressure in liquids does this with depth.
	twinkl.co.uk

increase	Snow shoes have this so that we do not sink.
	twinkl.co.uk



	when all the particles are d from something. twinkl.co.uk
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vacuum	If there are no particles inside an object, the pressure outside it will cause this to happen.
	twinkl.co.uk

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become crushed	If the weight of a boat is greater than the upthrust, this will happen.
	twinki.co.uk

it will sink	For a floating object, the upthrust is equal to this.
	twinkl.co.uk

the object's	A liquid that cannot be squashed.
weight	twinkl.co.uk
non-compressible	This allows air particles to be squashed.