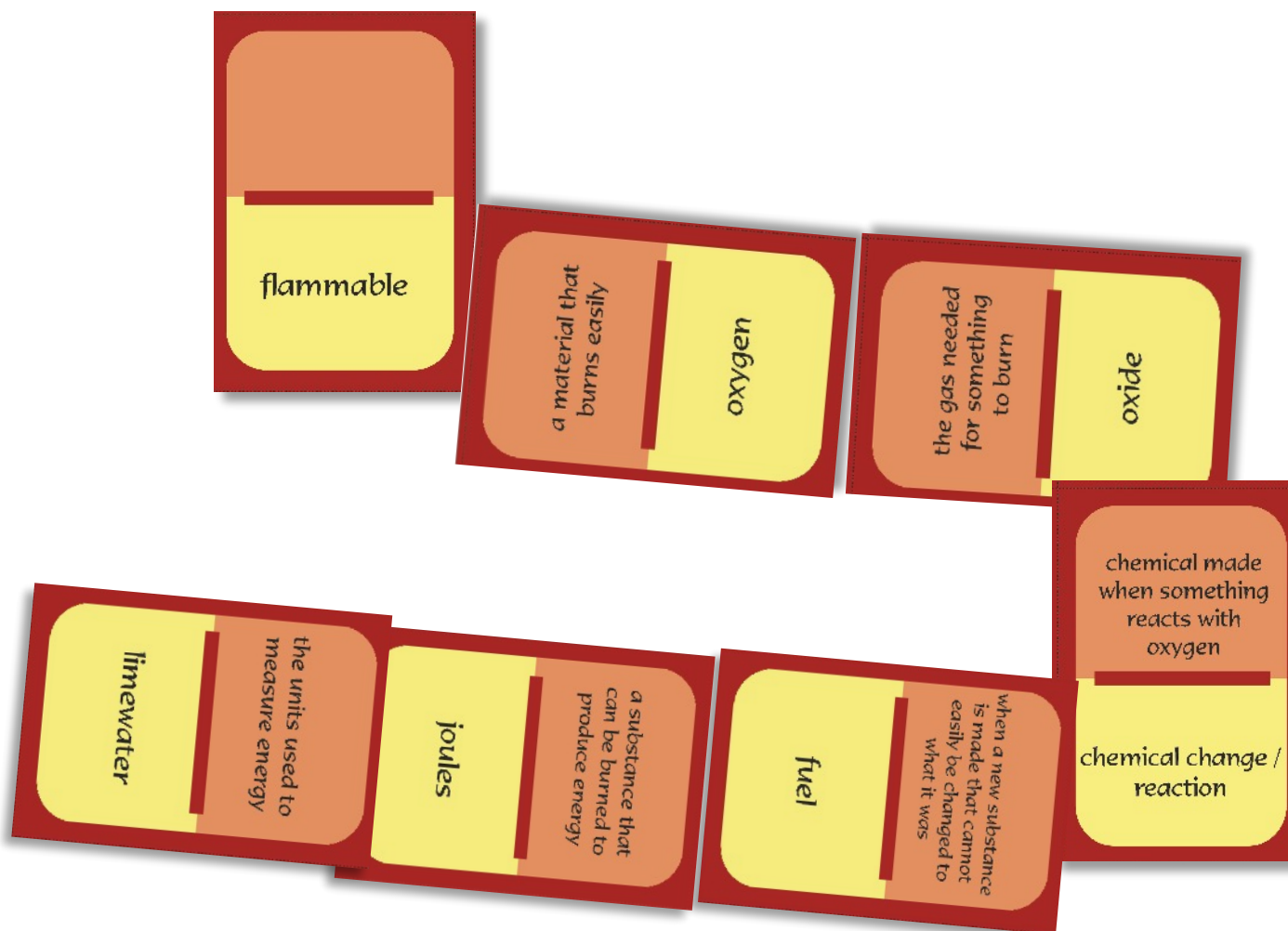


Burning Dominoes



This dominoes activity is designed to consolidate the spelling and meanings of scientific vocabulary.

Suitable for pupils aged 11+

The Learning Outcome will be that students will be able to identify the different types of chemical reactions and their meanings.

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Burning Dominoes

Developed by Rose Elgar and Stuart Scott

Theme: Chemical reactions

Age range: 11+

Context:

This dominoes activity is designed to consolidate the spelling and meanings of scientific vocabulary. We have left some of the cards blank for you to add your own. The dominoes can also be adapted by recording onto the cards terms in different languages - either for EAL learners or MFL.

Preparation:

Print out the A4 sheets.

If possible, laminate or cover the dominoes pages with 'clear pvc self adhesive book cover film'. Then cut out the squares to make the cards. The blank pages should not be covered so that students can write on them.

HOW TO PLAY:

Play in groups of two or three players.

Deal out all the dominoes. Whoever has the start card goes first and places it face up in the middle of the circle. Move clockwise around the circle, matching the terms with their meaning, if you do not have the correct card, move onto the next player.

Continue working round the group until one player has finished.

The winner is the first player to have no dominoes left.

Learning Outcomes:

Students will be able to identify the different types of chemical reactions and their meanings. If you have found further learning outcomes please share them by emailing collaborate@mantralingua.com.

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(You can purchase a professionally printed, sound-enabled version of this activity with pre-cut cards from www.mantralingua.com. Students can use TalkingPEN to record and re-record aurally onto the pages and cards. Recordings can be saved and used for assessment, or shared with other classes and schools via "ShareLINK".)

a material that
burns easily

flammable

oxygen

the gas needed
for something
to burn

oxide

chemical made
when something
reacts with
oxygen

chemical change /
reaction

when a new substance
is made that cannot
easily be changed to
what it was

fuel

a substance that
can be burned to
produce energy

joules

the units used to
measure energy

limewater

a liquid that turns
milky when in
contact with carbon
dioxide gas

oxidation

the chemical
reaction that
happens when
fuel burns

equation

shows what
happens in
chemical reaction

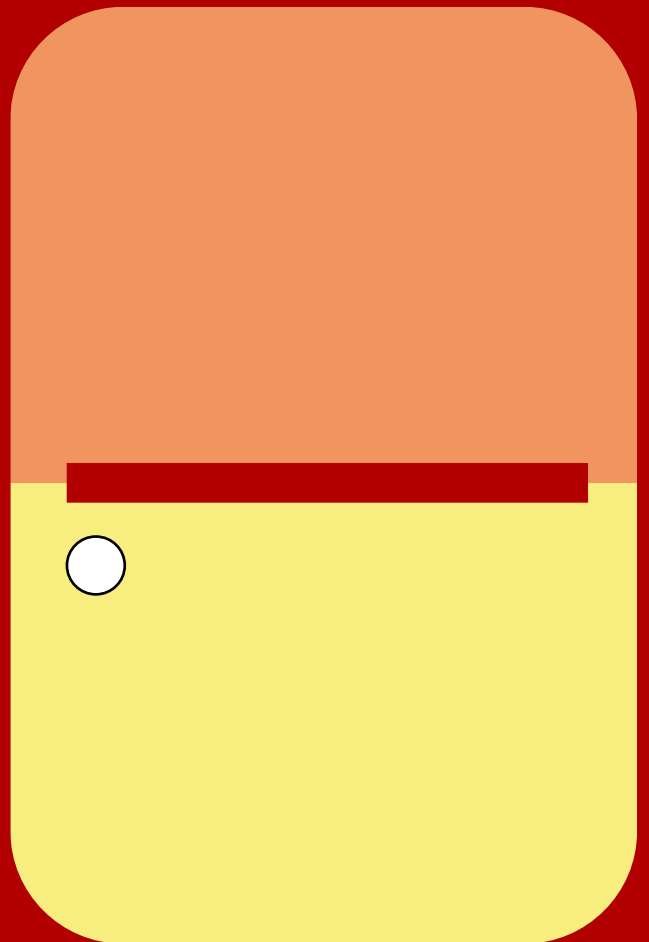
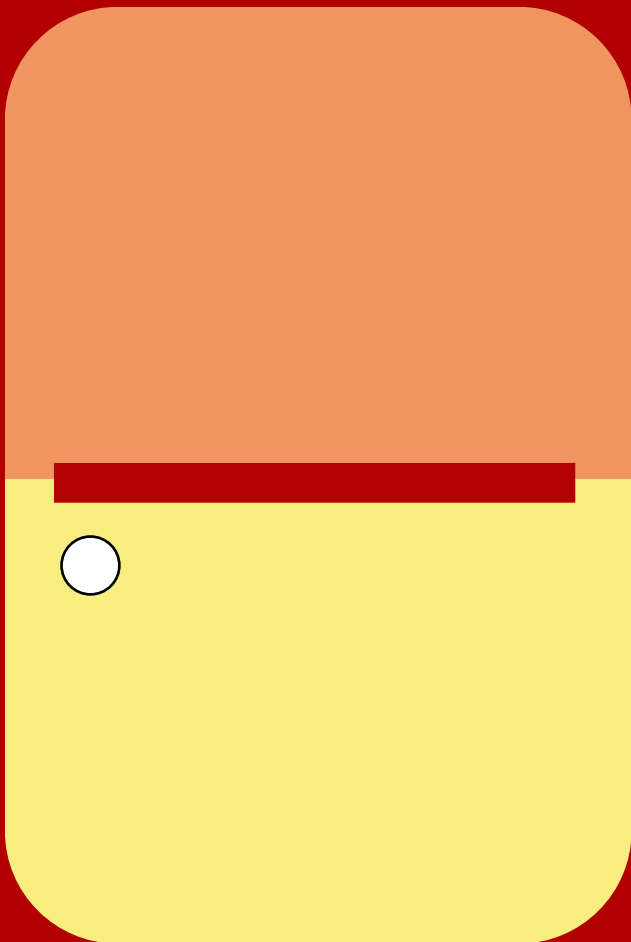
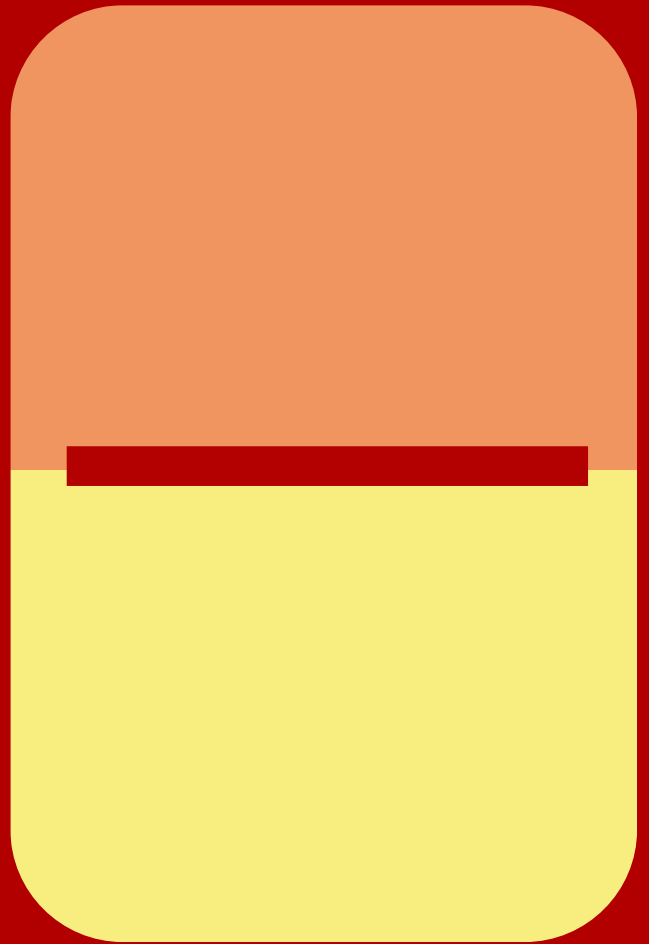
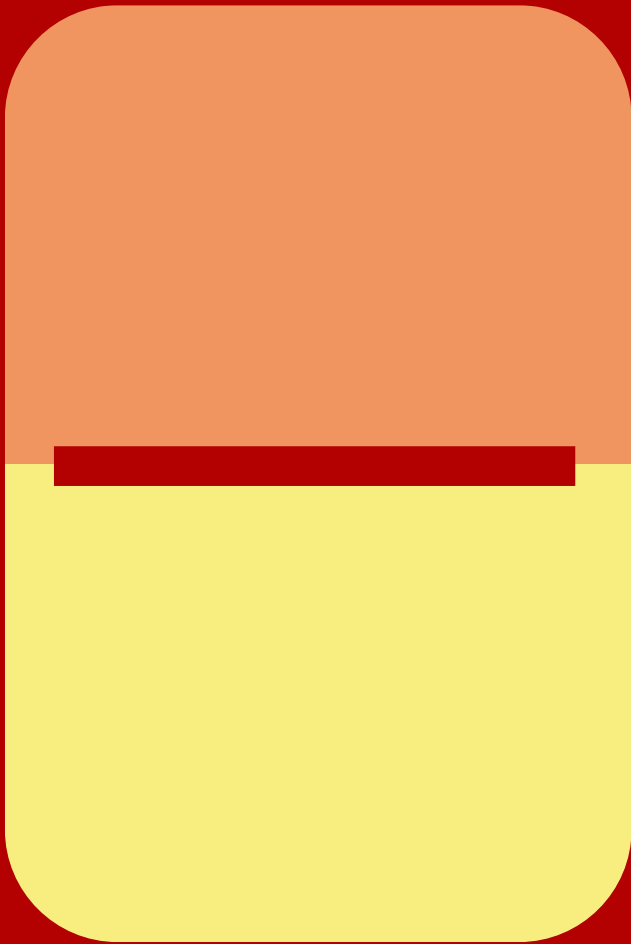
hydro-carbons

fuels that contain
hydrogen and
carbon only



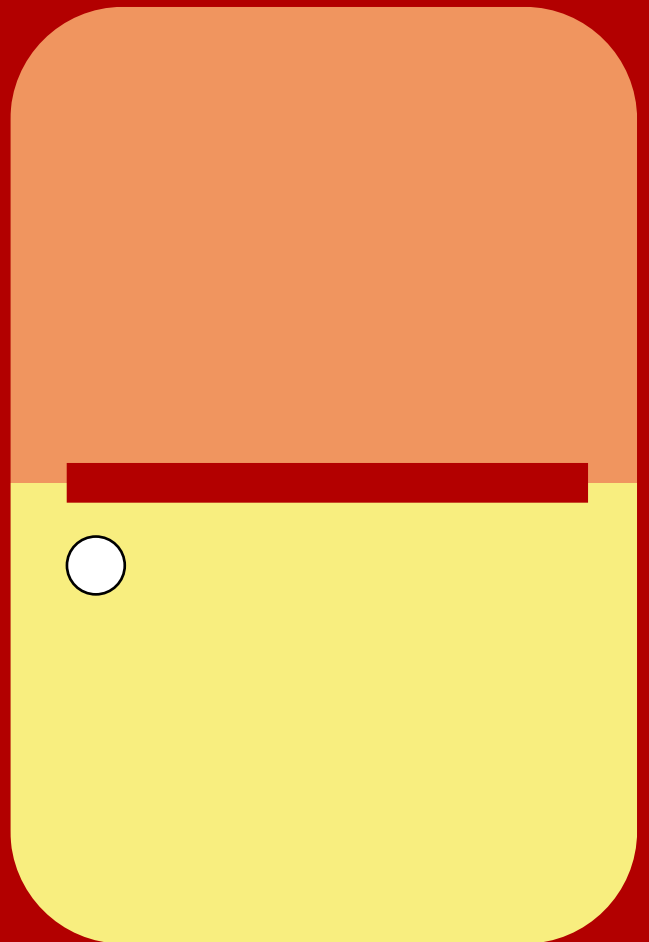
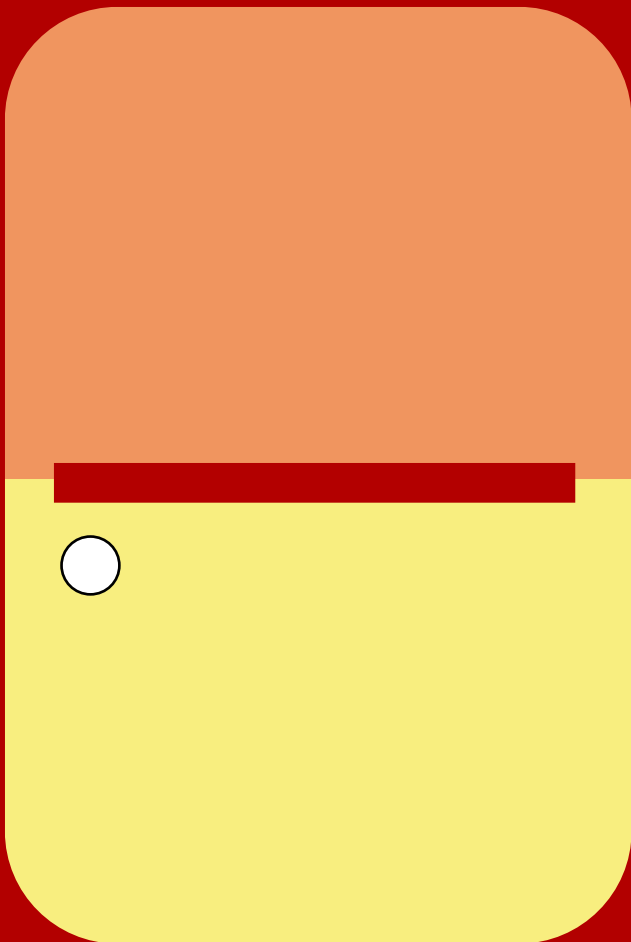
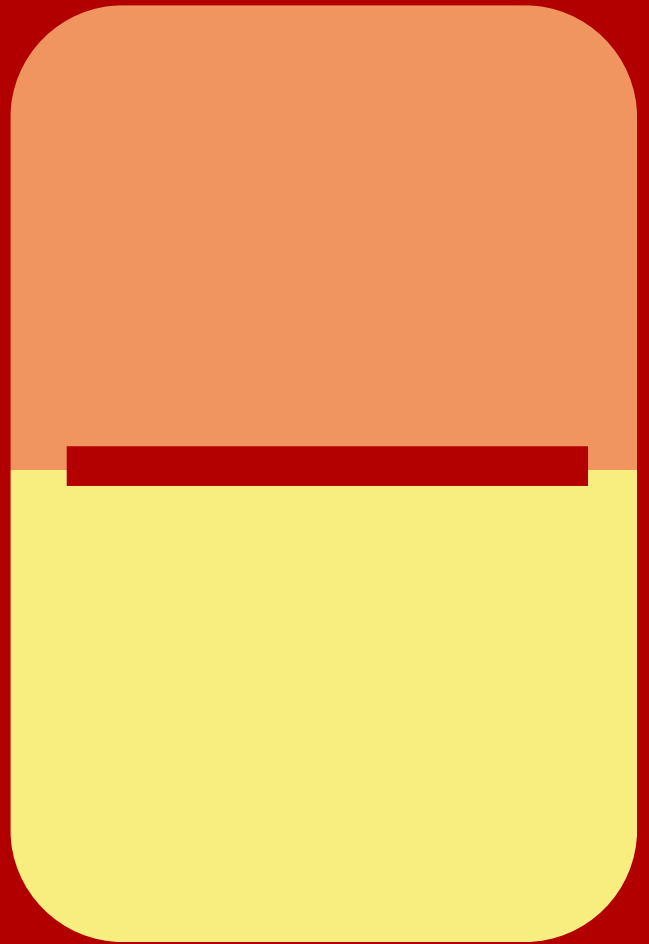
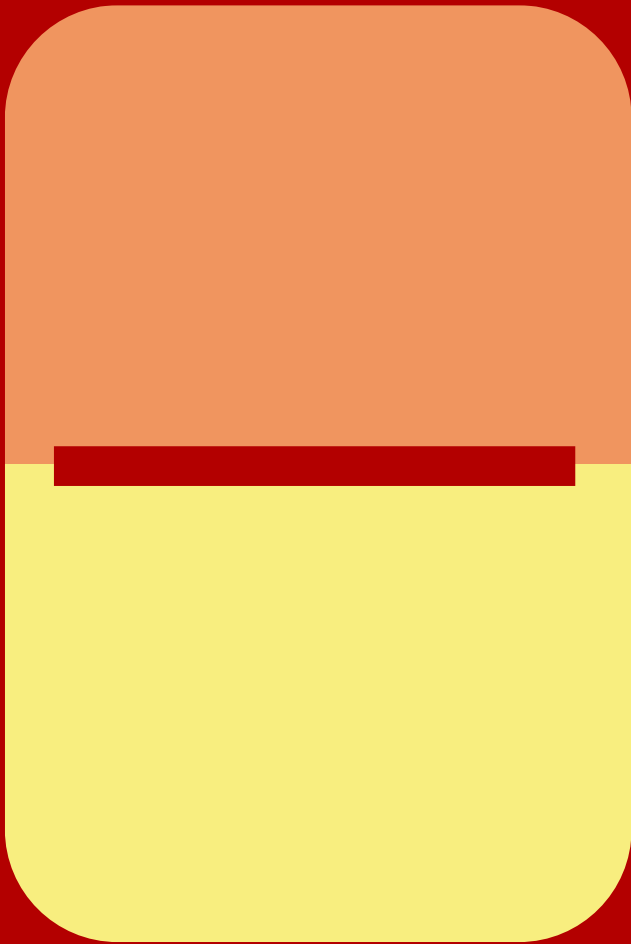
Burning Dominoes - Cards

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(Cut along the dotted lines and make the cards)



Burning Dominoes - Cards

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	flammable	a material that burns easily
	oxygen	the gas needed for something to burn
	oxide	chemical made when something reacts with oxygen
	chemical change/ reaction	when a new substance is made that cannot easily be changed back to what it was
	fuel	a substance that can be burned to produce energy
	joules	the units used to measure energy
	limewater	liquid that turns milky when in contact with carbon dioxide gas
	oxidation	the chemical reaction that happens when a fuel burns
	equation	show what happens in a chemical reaction
	hydro - carbons	fuels that contain hydrogen and carbon only