



HLS
EAL Training & Consultancy

**HOUNSLOW
LANGUAGE
SERVICE**



Science Games to Support KS3

Solids, Liquids & Gases &
the Elements Game

SCIENCE GAMES

to Support KS3 EAL Pupils

Solids, Liquids & Gases and the Elements Game

**These games are aimed at KS3 EAL learners (EAL Stages 2/3).
They can be used in a variety of ways:**

- **As starter activities**
- **To assess prior knowledge**
- **As revision or assessment activities**

**The games encourage pupils to work collaboratively. They
also provide support for pupils to produce some writing about
the 3 states of matter.**

SOLIDS, LIQUIDS AND GASES – The 3 States of Matter.

A card game for a group of 3.

Aim:

To be the first to collect all the cards which describe your state of matter picture card.

Instructions

1. Take 1 state of matter picture card each.
2. Spread all the other cards **face up** on the table.
3. Take it in turns to pick a card.
4. If it describes **your** state of matter, keep it. If not, give it to the player who needs it!
5. Continue until all the cards have been taken.

Extension activity

Sort the cards about solids into 2 groups.

Like this:

Cards which describe what we can observe about solids

Cards about the 'particle theory' which explains these observations.

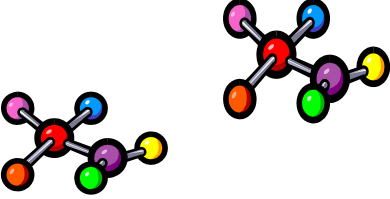
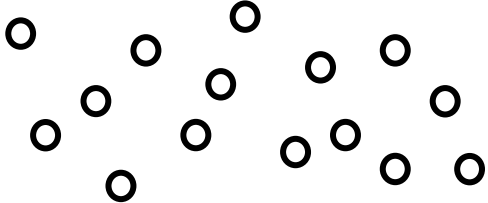
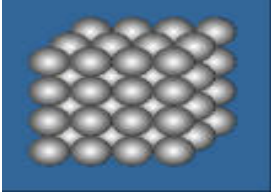
Link the cards to help you write some sentences about solids.

Example

Solids

A solid keeps its own shape / because the particles are in a fixed pattern. It feels hard / because the particles are packed close together.

Do the same for liquids and gases.

 <p style="text-align: center;">LIQUID</p>	 <p style="text-align: center;">GAS</p>
 <p style="text-align: center;">SOLID</p>	<p style="text-align: center;">It is usually invisible.</p>
<p style="text-align: center;">It keeps its own shape.</p>	<p style="text-align: center;">It is runny.</p>
<p style="text-align: center;">It stays in a lump.</p>	<p style="text-align: center;">It feels hard.</p>
<p style="text-align: center;">It is wet.</p>	<p style="text-align: center;">The particles are in a fixed position.</p>

GAS	
LIQUID	SOLID
SOLID	SOLID
SOLID	LIQUID



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વધારે માહિતી માટે મહેરબાની કરીને અમોને મળો.

যদি আপনার আরোও কিছু জানার থাকে, তাহলে আমাদের যোগাযোগ করুন।

Se precisar de mais informações, contacte-nos.

若你需要更多資料，請與我們聯絡。

اگر آپ کو مزید معلومات دیکار ہیں تو ہم سے رابطہ قائم کریں

إذا رغبتكم في الحصول على معلومات إضافية الرجاء الإتصال بنا

ਵਧੇਰੇ ਜਾਣਕਾਰੀ ਲਈ ਸਾਡੇ ਨਾਲ ਸੰਪਰਕ ਕਰੋ।

Nëse dëshironi më shumë informata, ju lutemi kontaktoni qendrën tonë.

Haddi aad faahfaahin u baahantay fadlan nala soo xidhiidh.