

Word Search and Quiz

This is a self-guided activity aimed at aged 9 – 11 pupils (but perhaps younger if suitable). The aim is to introduce terms of the Hydrogen Economy in a playful way.

It consists of:

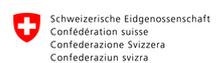
- A multiple choice, 10-question quiz
- A word-search

The solutions are provided on the final page.

This resource was developed as part of the HyAcademy.eu project.



Project funded by



Swiss Confederation

Federal Department of Economic Affairs,
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Worksheet



name: _____

date: __ / __ / ____

1. What is water made of?

- A) Sugar and salt
- B) Hydrogen and oxygen
- C) Air and light
- D) Rocks and sand

2. What does water look like?

- A) Green and bumpy
- B) Clear and wet
- C) Red and sticky
- D) Yellow and dry

3. Why is green hydrogen good for the planet?

- A) It helps stop pollution
- B) It turns the sky green
- C) It makes more smoke
- D) It uses lots of oil

4. What happens when water gets really cold?

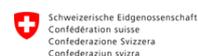
- A) It turns into steam
- B) It disappears
- C) It turns into ice
- D) It turns into bubbles

5. Which atom makes up most of the universe?

- A) Carbon
- B) Oxygen
- C) Helium
- D) Hydrogen



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6. Where can you find water?

- A) In the desert only
- B) Only in bottles
- C) In oceans, rivers, and lakes
- D) Only in space

7. What can we use to take water apart?

- A) Scissors
- B) Electricity
- C) A Sewing kit
- D) An axe

8. What do we use water for every day?

- A) Flying
- B) Eating rocks
- C) Drinking and washing
- D) Making music

9. Which part of the hydrogen atom does the fuel cell let through?

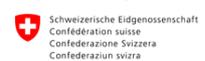
- A) The electron
- B) The neutron
- C) The proton
- D) The megatron

10. Is hydrogen safe to drink by itself?

- A) Yes, it tastes like candy
- B) No, it needs to be mixed with oxygen to make water
- C) Yes, it's just like juice
- D) No, it's the same as soda



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WORDSEARCH

Find the words listed below and circle them.

y	e	l	e	m	o	t	a	t	e
b	j	w	a	t	e	r	s	c	s
k	c	p	e	f	u	a	e	a	i
v	q	w	i	x	e	n	i	r	d
e	j	g	v	g	e	s	u	b	q
h	y	l	f	r	e	p	h	o	g
i	m	u	g	n	d	o	c	n	r
c	e	y	n	z	f	r	n	h	l
l	a	p	b	k	p	t	v	m	o
e	o	h	y	d	r	o	g	e	n

- hydrogen
- atom
- energy
- fuel
- vehicle
- pigeon
- transport
- carbon
- bus
- water



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made by: Diyaa Rahman

SOLUTIONS

MC answers: B, B, A, C, D, C, B, C, C, B

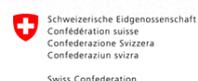
y	e	l	e	m	o	t	a	t	e
b	j	w	a	t	e	r	s	c	s
k	c	p	e	f	u	a	e	a	i
v	q	w	i	x	e	n	i	r	d
e	j	g	v	g	e	s	u	b	q
h	y	l	f	r	e	p	h	o	g
i	m	u	g	n	d	o	c	n	r
c	e	y	n	z	f	r	n	h	l
l	a	p	b	k	p	t	v	m	o
e	o	h	y	d	r	o	g	e	n

- hydrogen
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