

The chemistry of bouncy eggs! – Solutions

B. The correct answers are:

1. A water molecule consists of one **oxygen** atom (O) and two **hydrogen** atoms (H).
2. In the periodic table of elements, **118** chemical substances are listed.
3. The search for a new chemical substance is NOT a chemical reaction.
4. Saliva can cause chemical reactions! During chewing, enzymes in saliva break down the food into smaller components. This makes it easier for the digestive system to break down the food further. That is **true**.
5. An eggshell does not dissolve so quickly when fluoride toothpaste is smeared on it beforehand. This is because **fluoride protects against acids**.
6. Special question: **Washing detergent** has a **basic pH value**.

E. You find the hidden words here:

U	F	I	I	U	H	A	U	Z	H	E	L	U	V	R	T	A	R	O	B
I	U	G	B	T	V	U	L	E	W	U	C	N	D	O	H	Y	Y	L	D
R	K	Z	E	C	N	W	I	O	O	O	J	C	Y	W	E	K	K	Q	V
E	X	E	U	O	W	J	I	T	J	O	I	A	L	V	G	Y	B	E	L
A	U	Y	X	M	E	R	P	G	V	E	S	G	T	X	E	R	H	H	L
C	G	H	H	P	E	P	M	B	L	V	W	M	L	V	M	W	B	L	L
T	V	S	T	X	L	Z	H	D	P	C	B	D	W	R	Q	K	O	K	D
I	V	N	N	D	B	O	W	V	R	E	R	H	F	P	I	F	U	E	N
O	I	S	E	P	A	A	S	X	A	Q	T	M	Y	L	B	H	F	Q	F
N	S	G	G	H	T	R	S	I	Z	L	V	O	L	D	K	Y	N	R	S
W	T	A	Y	H	C	U	P	I	O	P	U	I	K	I	A	A	D	M	J
K	N	I	X	J	I	G	S	M	C	N	M	E	P	U	I	S	H	R	O
N	E	G	O	R	D	Y	H	J	Z	M	O	L	E	C	U	L	E	M	N
D	M	T	R	Z	O	G	N	Y	Y	O	T	R	L	K	H	D	E	D	I
N	E	T	E	Y	I	N	H	K	F	P	A	F	C	S	G	S	U	E	U
V	L	V	P	H	R	T	S	X	A	F	R	W	S	K	D	Y	L	E	X
A	E	F	B	D	E	U	E	W	A	H	T	A	F	N	D	D	D	U	R
Y	D	Y	J	W	P	H	O	T	O	S	Y	N	T	H	E	S	I	S	M
Q	G	O	K	H	R	I	S	H	F	V	N	J	M	I	A	Q	C	N	B
A	S	W	K	B	W	G	U	Q	F	L	E	F	F	E	Q	S	A	N	B