2 Properties

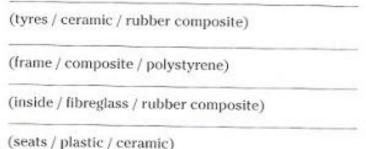
1 Find the names of 14 materials in the puzzle and circle them. The words go vertically from top to bottom, and sideways from left to right. No words go diagonally.

В	Α	J	L	0	Y	C	0	М	P	0	S	1	T	E
P	L	Α	S	T	1	C	E	T	0	Z	P	R	A	K
L	U	R	T	1	В	K	Y	L	L	В	0	J	L	1
0	M	Α	L	J	M	0	Q	A	Y	U	L	S	D	A
F	1	В	R	E	G	L	A	S	S	1	Y	T	1	Y
В	N	S	D	R	Α	R	X	Р	T	В	C	N	A	0
T	1	T	Α	N	.1.	U	M	D	Y	F	Α	Н	M	1
J	U	Ε	K	Y	L	В	N	T	R	1	R	V	0	Z
Α	M	Е	В	L	C	В	F	G	E	Α	В	Н	N	1
J	R	L	K	0	Q	E	S	V.	N	U	0	Z	D	W
Υ	Z	C	0	N	C	R	Е	Т	Е	X	N	В	G	Y
Н	1	R	J	T	K	U	L	C	Е	R	Α	M	1	C
S	٧	N	X	P	G	R	Α	Р	Н	1	T	E	Q	W
1	Υ	В	T	L	Е	K	0	Ε	U	J	Е	С	D	1

- 2 Underline the two correct adjectives for each material.
 - A ceramic cup is flexible/<u>heat-resistant</u> and <u>hard</u>/soft.
 - 2 A concrete floor is rigid/flexible and brittle/tough.
 - 3 A rubber tyre is rigid/flexible and weak/strong.
 - 4 A fibreglass window frame is heat-resistant/soft and rigid/flexible.
 - 5 A nylon rope is rigid/flexible and strong/weak.
 - 6 The graphite in the middle of a pencil is light/heavy and hard/soft.
 - 7 A polycarbonate road sign is rigid/flexible and strong/weak.
 - 8 A polystyrene coffee cup is brittle/tough and heavy/light.
- 3 Design a plane. Choose one material for each part of the plane.
 - 1 (nose cone / plastic / aluminium)

 The nose cone is made of aluminium.
 2 (wheels / fibreglass / aluminium alloy)

 3 (tyres / ceramic / rubber composite)



- 7 (engine / fibreglass / aluminium alloy)
- 8 (wings / aluminium alloy / plastic)

