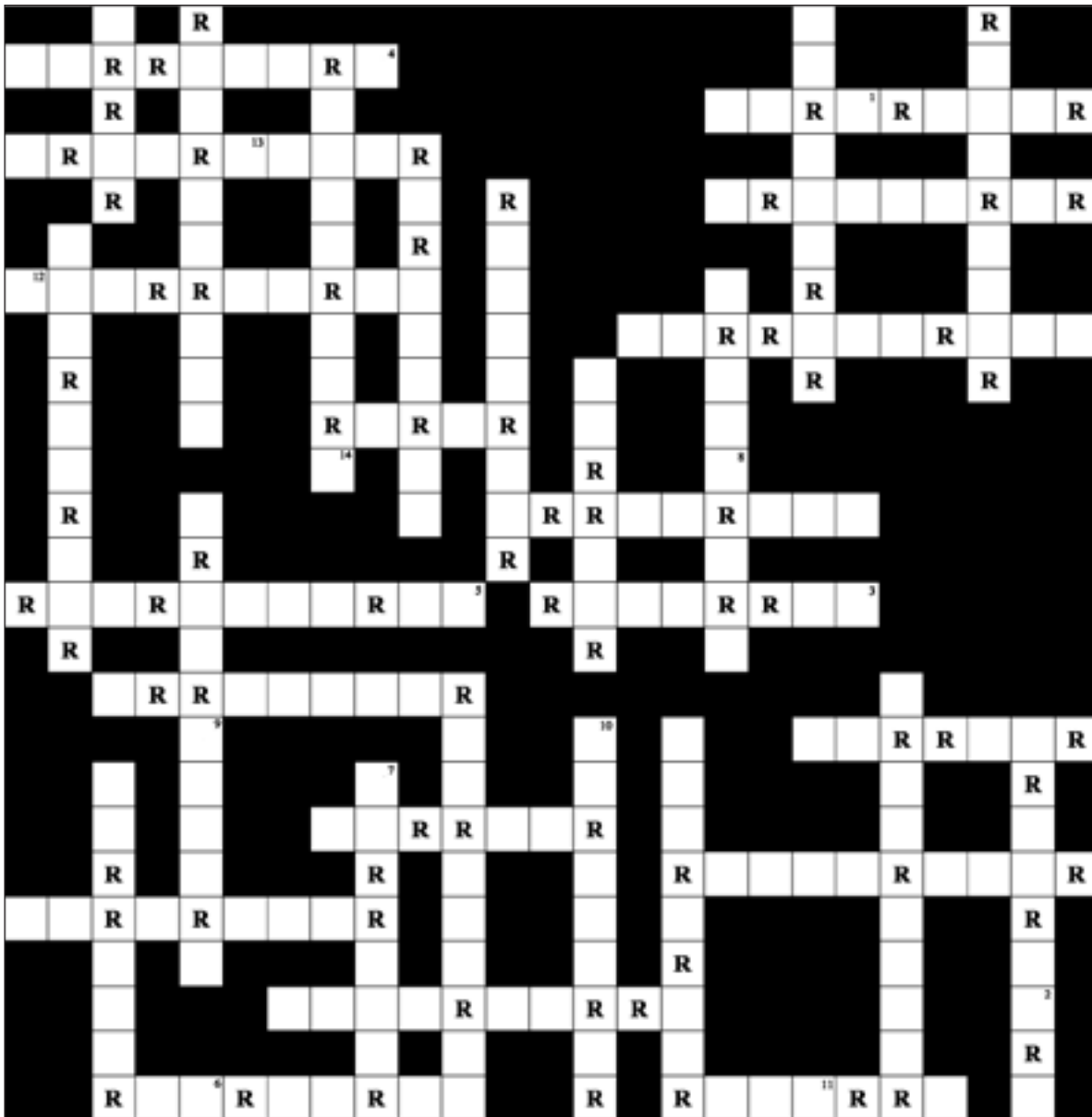


Three-R's Criss-Cross

Below is a set of words, organized by length, that each have a special property. Just like reduce, reuse, and recycle, each of these words has three R's. Each of these words fits into the grid, and all of the R's have already been placed in the grid for you. Once all the words are in the grid, there are 14 numbered boxes, and if you copy the letters that appear in those boxes into the answer spaces below the grid, your final answer will be spelled out, which happens to be a two-word phrase.



- | | | | | | | | | | | | | | |
|-----------------------|-----------------------|------------|---|---|---|---|------------------------|---|----|-------------|----|------------------------|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 5-letter words | 8-letter words | FORBEARER | | | | | ROLLER BAR | | | PROGRAMMER | | 11-letter words | |
| ERROR | CORRIDOR | FUR TRADER | | | | | SURPRISER | | | PROPRIETOR | | PRAIRIE FIRE | |
| RARER | NARRATOR | HAIR DRYER | | | | | TERRITORY | | | RETROVIRUS | | REAR ADMIRAL | |
| 7-letter words | REFERRAL | IRREGULAR | | | | | TREASURER | | | RIP-ROARING | | TERRESTRIAL | |
| BARRIER | 9-letter words | ORDER FORM | | | | | 10-letter words | | | ROUGH RIDER | | RUTHERFORD | |
| REMARRY | ARBITRARY | RARE EARTH | | | | | CHERRY TREE | | | RUTHERFORD | | SHORT ORDER | |
| WARRIOR | ARROWROOT | REARWARDS | | | | | ELDERBERRY | | | | | | |
| WORRIER | CORK BORER | RESERVOIR | | | | | | | | | | | |

Materials Matter

Below is a list of 20 different materials: Five of them are types of stone, five are types of wood, five are types of alloy, and five are kinds of polymer. Below are four grids, one for each type of material. Fit the 20 specific materials into the only box they fit in in the proper category. The red boxes will spell out your final answer in the end, a three-word phrase describing good materials.

BAKELITE
MAPLE
QUARTZITE

BRASS
MARBLE
SHIBUICHI

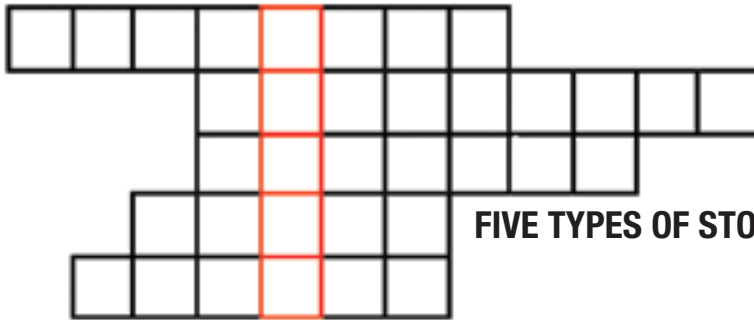
CHERRY
NITINOL
SLATE

CHESTNUT
NYLON
SOLDER

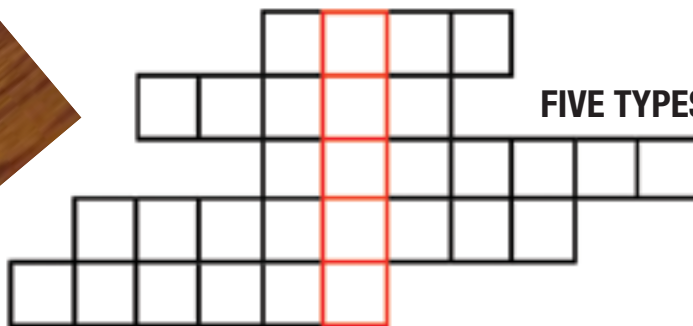
ELECTRUM
OBSIDIAN
TEFLON

GRANITE
PINE
VECTRAN

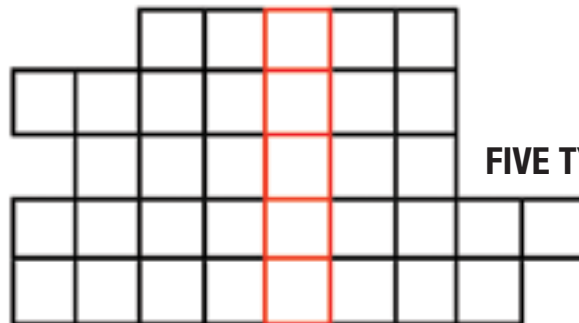
HICKORY
PLEXIGLAS



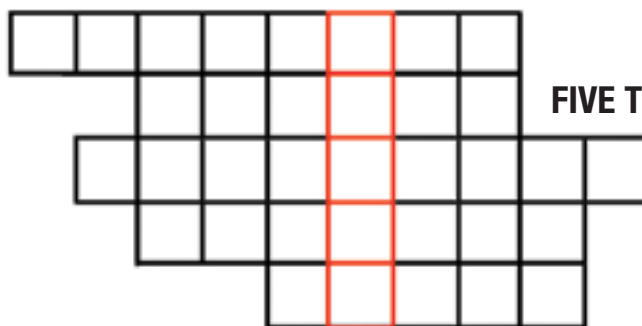
FIVE TYPES OF STONE



FIVE TYPES OF WOOD



FIVE TYPES OF ALLOY



FIVE TYPES OF POLYMER



Materials Word Find

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



ALLOY
DECOMPOSE
MIXTURE
PLASTIC
PROPERTIES
REUSE

BIODEGRADABLE
DURABILITY
MONOMER
POLYMER
RECYCLE
RUBBER

COMPOST
LANDFILL
ORE
REDUCE
SYNTHETIC

ENVIRONMENT CRYPTOGRAM

The following is a quotation about the environment by the founder of Earth Day. Each letter has been replaced by a different letter of the alphabet, and that replacement code stays the same. For example, if “E” is standing in for the letter “H,” it will stand in for that letter each time. Can you decrypt the text of the quote? Look for common short words and try to figure out what those are. Otherwise, a starting word is given to you at the bottom. Once you have decoded the quotation, use that same code to decode the bonus answer.



Bonus Encoded Answer: UQTSLOKWSWUGL

“TBK OTWG QA PTH DBAH WP
LPYQKTPJLPH TZ FGLWP WQK WPS CWHLK
WPS AFLPQF ULWBHR. HML TUDLFHQYL QA WP
LPYQKTPJLPH TZ SLFLPFR, XBWGQHR, WPS
JBHBWG KLALFH ZTK WGG THMLK MBJWP
ULQPOA WPS WGG THMLK GQYQPO
FKLWHBKLA.”

Owrgtks Plgatp

Hint: In the code, LPYQKTPJLPH represents the word ENVIRONMENT.