

Puzzle Solutions

WORD SCRAMBLE

R I S E

C R O P

G E C K O

L I N E N

B A M B O O

R O C K E T

C L I M B I N G

R O B O T

CROSSWORD

¹C O M ²P U T E R
 L O R D X
⁴P
⁶H O N E Y ⁷B E E
⁸G E
¹¹C H I C K E N
¹²T O P S O I L
¹³A
¹⁴F
¹⁵W I L K E N S
¹⁶P L A S T I C
¹⁷B U S H
¹⁸N I I L E
¹⁹A
²⁰A P P L E S
²¹R O B O T S
⁵D
³A
⁹U
¹⁰S
¹C E S T R A W
²E
¹³V
¹⁴A
¹⁵T
¹⁶O
¹⁷A
¹⁸R
¹⁹S
²⁰S
²¹N

CRYPTOGRAM

If we knew what it was we were doing, it would not be called research, would it? – Albert Einstein

WE'VE GOT YOUR NUMBER

Explanation

1. X = First three digits of your phone number
2. 80X
3. 80X + 1
4. 250 (80X+1) or 20,000X + 250
5. 20,000X + 250 + Y
6. 20,000X + 250 + 2Y
7. 20,000X + 250 + 2Y -250 or 20,000X + 2Y
8. (20,000X + 2Y)/2 or 10,000X + Y

Thus, no matter what your phone number is, the final number will repeat your phone number. (The 10,000 multiplier is needed to move the first three digits over four decimal places).

For more brainteasers, go to <http://www.niehs.nih.gov/kids/brnumber.htm> and test your skills.