

Activity 3: Cryptogram

Focus on Vocabulary

- ✓ Logic
- ✓ Problem solving
- ✓ Vocabulary

When solved, the cryptogram puzzle will reveal an important safety message. Students must determine what letter of the alphabet corresponds to each number and apply the code to the message to solve the puzzle. This puzzle requires advanced logical reasoning abilities.

Getting started

Photocopy and hand out the puzzle on the next page. Students can find the letters of the alphabet corresponding to the numbers provided and decipher the safety message for themselves. **Note:** The key to solving the puzzle is to start with the third word. Once students have guessed that a “t” comes after the apostrophe they can easily guess the word. That should give them enough information to decipher the other words.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	/	5	25	24	16	10	18	8	21	3	14	/	20	9	13	/	15	22	11	6	7	1	/	19	17

$\frac{I}{8} \frac{F}{16} \quad \frac{Y}{19} \frac{O}{9} \frac{U}{6} \quad \frac{D}{25} \frac{O}{9} \frac{N}{20} \quad , \quad \frac{T}{11} \quad \frac{K}{3} \frac{N}{20} \frac{O}{9} \frac{W}{1} \quad \frac{W}{1} \frac{H}{18} \frac{A}{2} \frac{T}{11} \quad \frac{T}{11} \frac{O}{9} \quad \frac{D}{25} \frac{O}{9} \quad ,$

$\frac{A}{2} \frac{L}{14} \frac{W}{1} \frac{A}{2} \frac{Y}{19} \frac{S}{22} \quad \frac{A}{2} \frac{S}{22} \frac{K}{3} \quad ! \quad \frac{G}{10} \frac{E}{24} \frac{T}{11} \quad \frac{T}{11} \frac{R}{15} \frac{A}{2} \frac{I}{8} \frac{N}{20} \frac{I}{8} \frac{N}{20} \frac{G}{10} \quad .$

$\frac{A}{2} \frac{L}{14} \frac{W}{1} \frac{A}{2} \frac{Y}{19} \frac{S}{22} \quad \frac{W}{1} \frac{E}{24} \frac{A}{2} \frac{R}{15} \quad \frac{Y}{19} \frac{O}{9} \frac{U}{6} \frac{R}{15} \quad \frac{S}{22} \frac{A}{2} \frac{F}{16} \frac{E}{24} \frac{T}{11} \frac{Y}{19} \quad \frac{G}{10} \frac{E}{24} \frac{A}{2} \frac{R}{15} \quad .$

$\frac{K}{3} \frac{N}{20} \frac{O}{9} \frac{W}{1} \quad \frac{W}{1} \frac{H}{18} \frac{A}{2} \frac{T}{11} \quad \frac{H}{18} \frac{A}{2} \frac{Z}{17} \frac{A}{2} \frac{R}{15} \frac{D}{25} \frac{S}{22} \quad \frac{T}{11} \frac{H}{18} \frac{E}{24} \frac{R}{15} \frac{E}{24} \quad \frac{A}{2} \frac{R}{15} \frac{E}{24} \quad \frac{I}{8} \frac{N}{20}$

$\frac{Y}{19} \frac{O}{9} \frac{U}{6} \frac{R}{15} \quad \frac{W}{1} \frac{O}{9} \frac{R}{15} \frac{K}{3} \frac{P}{13} \frac{L}{14} \frac{A}{2} \frac{C}{5} \frac{E}{24} \quad . \quad \frac{K}{3} \frac{N}{20} \frac{O}{9} \frac{W}{1} \quad \frac{W}{1} \frac{H}{18} \frac{A}{2} \frac{T}{11} \quad \frac{T}{11} \frac{O}{9} \quad \frac{D}{25} \frac{O}{9}$

$\frac{T}{11} \frac{O}{9} \quad \frac{P}{13} \frac{R}{15} \frac{E}{24} \frac{V}{7} \frac{E}{24} \frac{N}{20} \frac{T}{11} \quad \frac{I}{8} \frac{N}{20} \frac{J}{21} \frac{U}{6} \frac{R}{15} \frac{I}{8} \frac{E}{24} \frac{S}{22} \quad . \quad \frac{S}{22} \frac{T}{11} \frac{A}{2} \frac{Y}{19} \quad \frac{S}{22} \frac{A}{2} \frac{F}{16} \frac{E}{24} \quad !$

Teacher's Note