

# I SURVIVED: LOGIC



## PUZZLES

### LESSON OVERVIEW

Grade Levels: 3-5

### PUZZLE 1

Four students—Victor, Zak, Gayle & Wendy—have just survived a disaster—a SHARKNADO!

Each student arrives at the emergency first aid station with an injury—a skinned knee, a sprained ankle, a shark bite, and a bloody nose.

Can you determine the order of the students' arrival to the first aid station, as well as their injuries?

1. Victor arrived second and did not have a skinned knee.
2. The student with a bloody nose arrived third.
3. Wendy did not have a skinned knee and was not the first to arrive.
4. Gayle was not the third to arrive and is suffering from a shark bite.
5. The student who arrived first does not have a skinned knee.

### PUZZLE 2

This square has eleven letters missing, which you have to replace.

Every row, column, and main diagonal must contain all letters in the word "SHARK".

S	H	A	R	K
	K	S	H	
		R		S
	S	H		
		K	S	

## PUZZLE 3

A disaster is coming! A disaster is coming!

...but we don't know what day

If I said that in three days' time it would be a Thursday, I am sure that most of you would have no difficulty telling me that today was a Monday.

Try this one then. Yesterday was two days before Monday. What day is it today? Yes, you're right again. It's Sunday. Do you get the idea?

Now let's tackle a similar question from The National Mathematics Contest (1991) Paper:

Three days ago, "yesterday" was the day before Sunday. What day will it be tomorrow?

## ANSWER KEY

### Puzzle 1

First	Gayle	Shark Bite
Second	Victor	Sprained Ankle
Third	Wendy	Bloody Nose
Fourth	Zak	Skinned Knee

### Puzzle 2

S	H	A	R	K
R	K	S	H	A
H	A	R	K	S
K	S	H	A	R
A	R	K	S	H

### Puzzle 3

Thursday