LESSON 3

Leader Supplements for Lesson 3

Supplement for Activity 3.3

Ways to Store Information		
Stored information or messages	Code, Symbols or Format	Medium
Book or encyclopedia	English language with 26 symbols called letters -or-	
	Spanish language with 30 symbols called letters	Printed on paper or as computer file
	-or- Chinese language with 8000 symbols called characters	
Photograph	Layers of chemicals or computer pixels	Film, photographic paper or computer printer paper
Compact Disk (CD or CD-ROM)	Standard CDs have 33,000 sectors, each with 2,352 bytes – enough to hold over 1,000 books. Each letter in the book occupies 1 byte.	1.2 mm thick, polycarbonate plastic
Flash drive	Holds up to 64 gigabytes or 64 billion bytes of information as binary code	Solid state storage device, with no moving parts; it is electronic not mechanical.
Genome	Genetic code with 4 symbols (G, C, A, T)	DNA

Answers to Math Menu 1. 1X10¹³ to 1X10¹⁴

2.12

