

# The ASCII Character Set

Computers can only process numbers, so they store letters and other text using a “character set” known as **ASCII**. ASCII stands for “**American Standard Code for Information Interchange**” and was published in 1963 to allow different kinds of computers to store information in a common way.

This worksheet lists the letters of the alphabet and their matching ASCII codes, along with some special characters that you might need. Using these tables, translate your name into ASCII. ***Don't forget to include the space character between the parts of your name!***

Once you've translated your name into ASCII, use the computer keypad to enter your name, *in ASCII*, on to the board. Be sure your name is correct before pressing the Enter key.

Example:

J	o	h	n		D	o	e		
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74	111	104	110	32	68	111	101		
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Letters							
A	65	N	78	a	97	n	110
B	66	O	79	b	98	o	111
C	67	P	80	c	99	p	112
D	68	Q	81	d	100	q	113
E	69	R	82	e	101	r	114
F	70	S	83	f	102	s	115
G	71	T	84	g	103	t	116
H	72	U	85	h	104	u	117
I	73	V	86	i	105	v	118
J	74	W	87	j	106	w	119
K	75	X	88	k	107	x	120
L	76	Y	89	l	108	y	121
M	77	Z	90	m	109	z	122
Special Characters							
Space			32	- (Hyphen)			45
' (Apostrophe)			39	. (Period)			46

Your printed name

[illegible]

ASCII Codes (Write the entire code for each letter in the box)

[illegible]