Breakout EDU: Overload Day

You have been studying for your computer science class too long. Everywhere you look, you see data, algorithms and binary codes. Solve these clues so you can rest your weary brain.

You can click the link below to access the puzzles online or work through them directly from this document. If you use this document, you can submit your answers on the MS Exploratory Enrichment Reflection Form, under the question, "What new information did you learn from this lesson?"

https://platform.breakoutedu.com/game/play/overload-day-127522-4176UE2W7Y

Use the information below to open the **Text Lock**

Help the robot recharge his battery. What can he collect along the way?

Turn Left Move Forward Move Forward Turn Left Move Forward Turn Right Move Forward Move Forward Move Forward Turn Left Move Forward Move Forward	x	l	m	a	t	h
	f	o	y	z	i	[RECHARGE battery]
	c	o	d	e	k	m
	u	p	a	g	p	r
	[robot]	o	r	u	o	h
	d	a	t	a	g	i

SELECT THE LETTERS THAT WILL OPEN THE LOCK

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			

SELECTED COMBINATION

◯ ◯ ◯ ◯ ◯ ◯ ◯

Use the following information to open the **Number Lock!**

IF card is black you get 5 points

ELSE

If card is higher than 8 you get 10 points

Else you get same number of points on the card

SELECT THE NUMBERS THAT WILL OPEN THE LOCK

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

SELECTED COMBINATION

◯ ◯

Use the following information to open the **Shape Lock!**

It is time for school!

Ride the bus to school

Turn off alarm ●

Alarm rings

Get dressed ★

Eat breakfast ■

Check the weather ▲

Brush Teeth ◆

Get out of bed

SELECT THE SHAPES THAT WILL OPEN THE LOCK.

⬤ ⬛ 🔺 ★ ◆

SELECTED COMBINATION

◯ ◯ ◯ ◯ ◯

Use the following information to open the **Color Lock!**

The action of doing something over and over again.

Wireless method of sending information using radio waves.

An error in a program that prevents the program from running as expected.

Using the power of computers to solve problems.

A way of representing information using only two options.

SELECT THE COLORS IN THE SEQUENCE THAT YOU WISH TO OPEN THE LOCK

SELECTED COMBINATION