

Periodic Table

Aim: Learn the Periodic Table

Backdrop

Script

Type **Periodic Table** in bottom right corner

Variables and List

Make a Variable

atomic

symbol

Make a List

atoms

```
when green flag clicked
delete all of atoms
insert Hydrogen at 1 of atoms
insert Helium at 2 of atoms
insert Lithium at 3 of atoms
insert Beryllium at 4 of atoms
insert Boron at 5 of atoms
insert Carbon at 6 of atoms
insert Nitrogen at 7 of atoms
insert Oxygen at 8 of atoms
insert Fluorine at 9 of atoms
insert Neon at 10 of atoms
```

Sprites

Symbols

1	H Hydrogen 80x77	8	C Carbon 54x78
2	He Helium 88x77	7	N Nitrogen 80x78
3	Li Lithium 87x77	8	O Oxygen 80x78
4	Be Beryllium 78x77	9	F Fluorine 51x77
5	B Boron 52x77	10	Ne Neon 88x77

```
when green flag clicked
go to x: -130 y: 90
hide

when I receive start
set symbol to 1
switch costume to item symbol of atoms
show











when I receive up
change symbol by 1
switch costume to item symbol of atoms

if symbol > 10 then
set symbol to 1
switch costume to item symbol of atoms

when I receive down
change symbol by -1
switch costume to item symbol of atoms

if symbol < 1 then
set symbol to 10
switch costume to item symbol of atoms
```

Atomic

1  Hydrogen 88x88	6  Carbon 110x107
2  Helium 88x88	7  Nitrogen 112x107
3  Lithium 108x107	8  Oxygen 117x107
4  Beryllium 110x107	9  Fluorine 117x108
5  Boron 110x107	10  Neon 117x111

```

when clicked
  go to x: -130 y: 90
  hide

when I receive start
  set symbol to 1
  switch costume to item symbol of atoms
  show

when I receive up
  change symbol by 1
  switch costume to item symbol of atoms
  if symbol > 10 then
    set symbol to 1
    switch costume to item symbol of atoms

when I receive down
  change symbol by -1
  switch costume to item symbol of atoms
  if symbol < 1 then
    set symbol to 10
    switch costume to item symbol of atoms
  
```

Boy



```

when clicked
  go to x: -150 y: -75
  say Press Up and Down Arrows to Scroll for 2 secs
  broadcast start

when up arrow key pressed
  broadcast up

when down arrow key pressed
  broadcast down
  
```

Save and Test

Challenge

Add more Elements