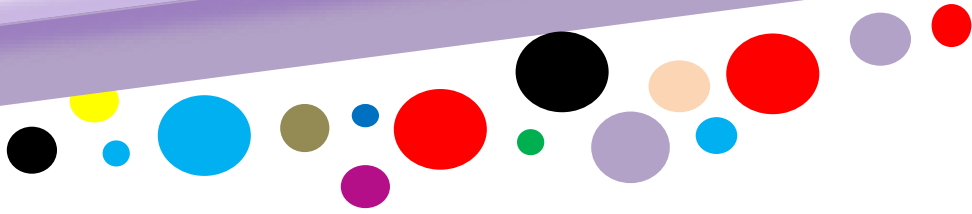
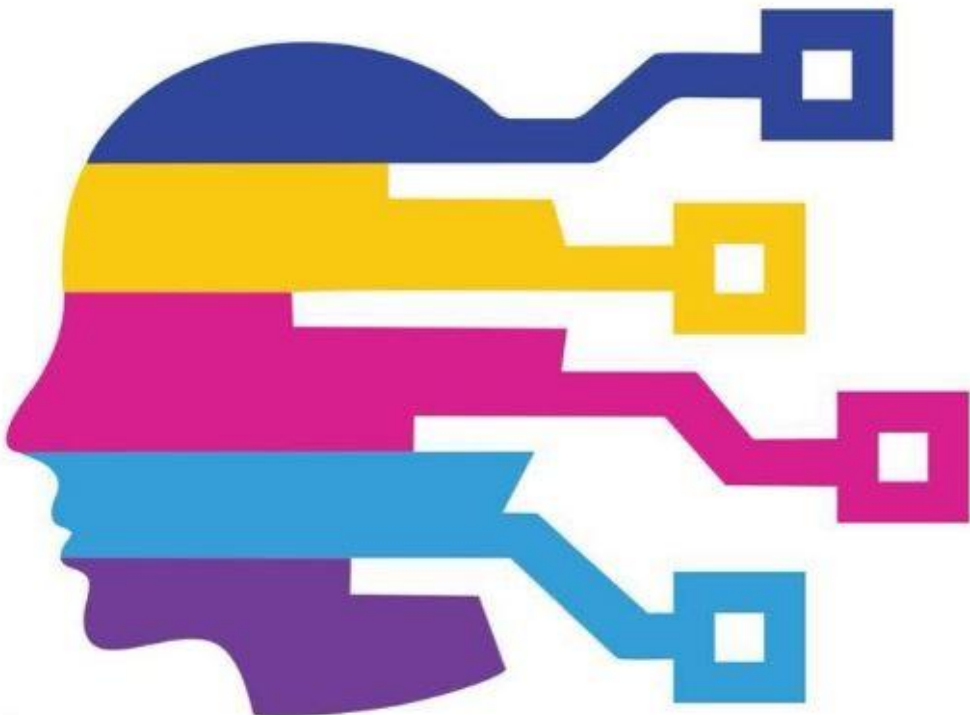


Computer Park

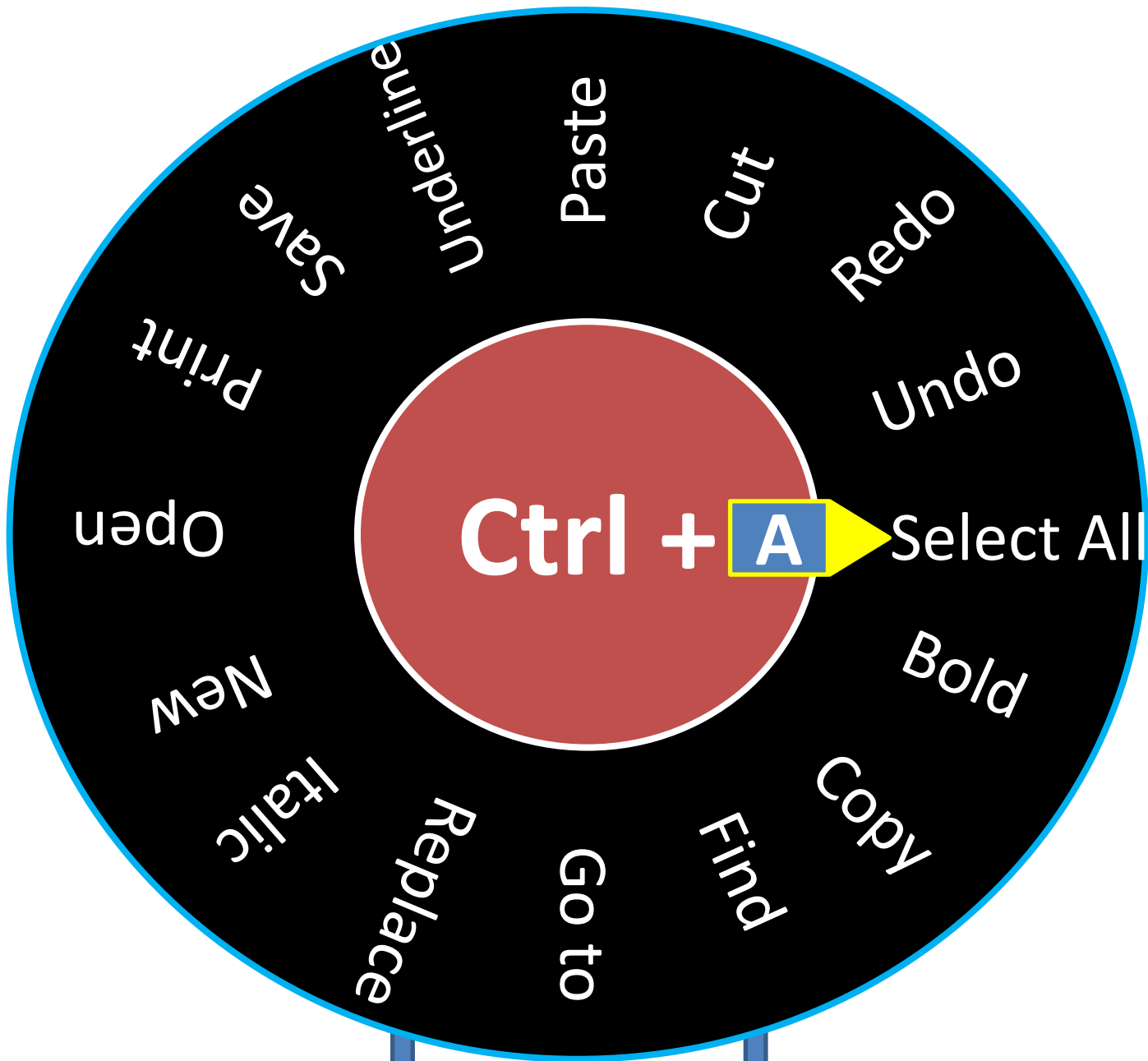


Model

VISION OF DIGITAL REVOLUTION



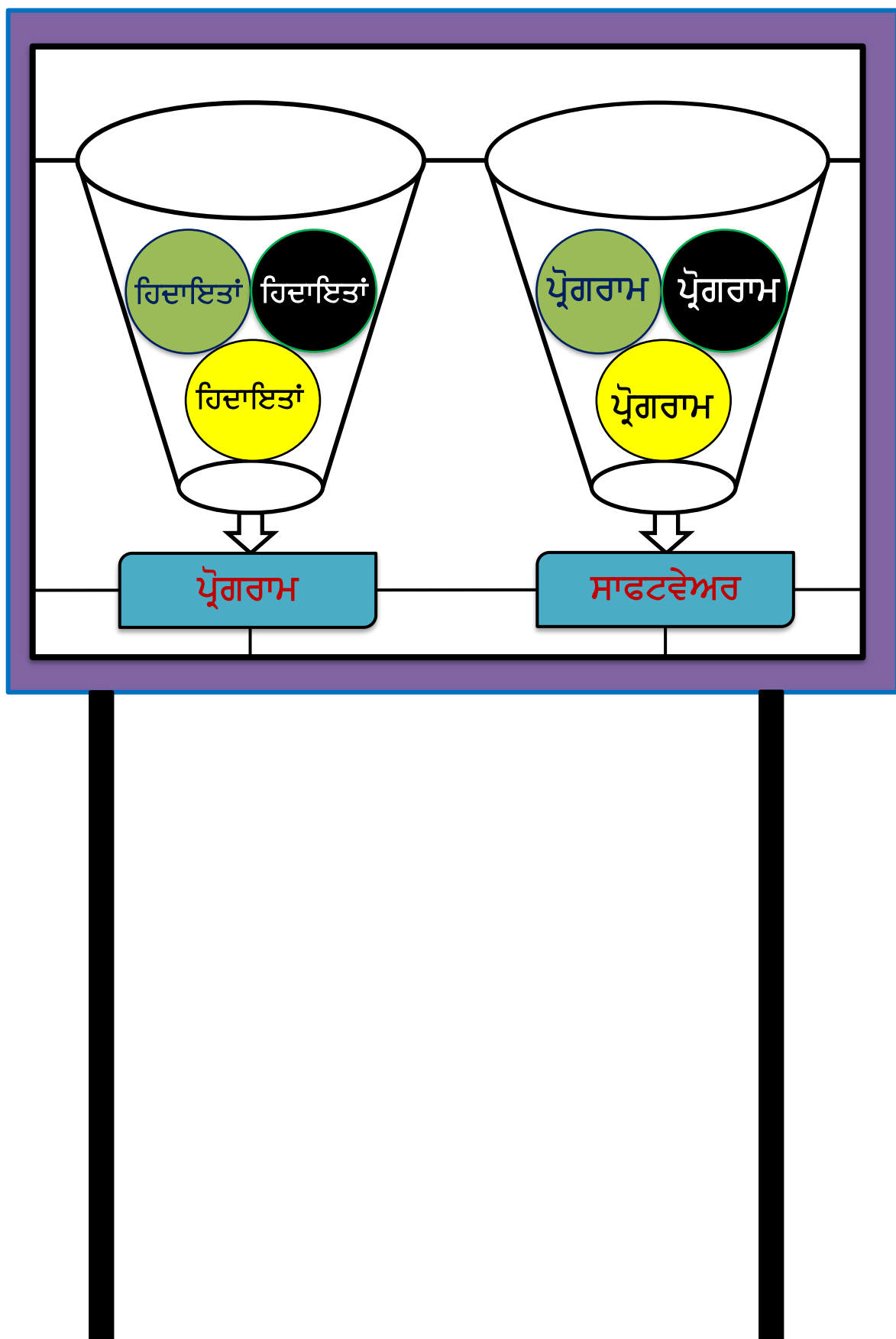
Knowledge Hub



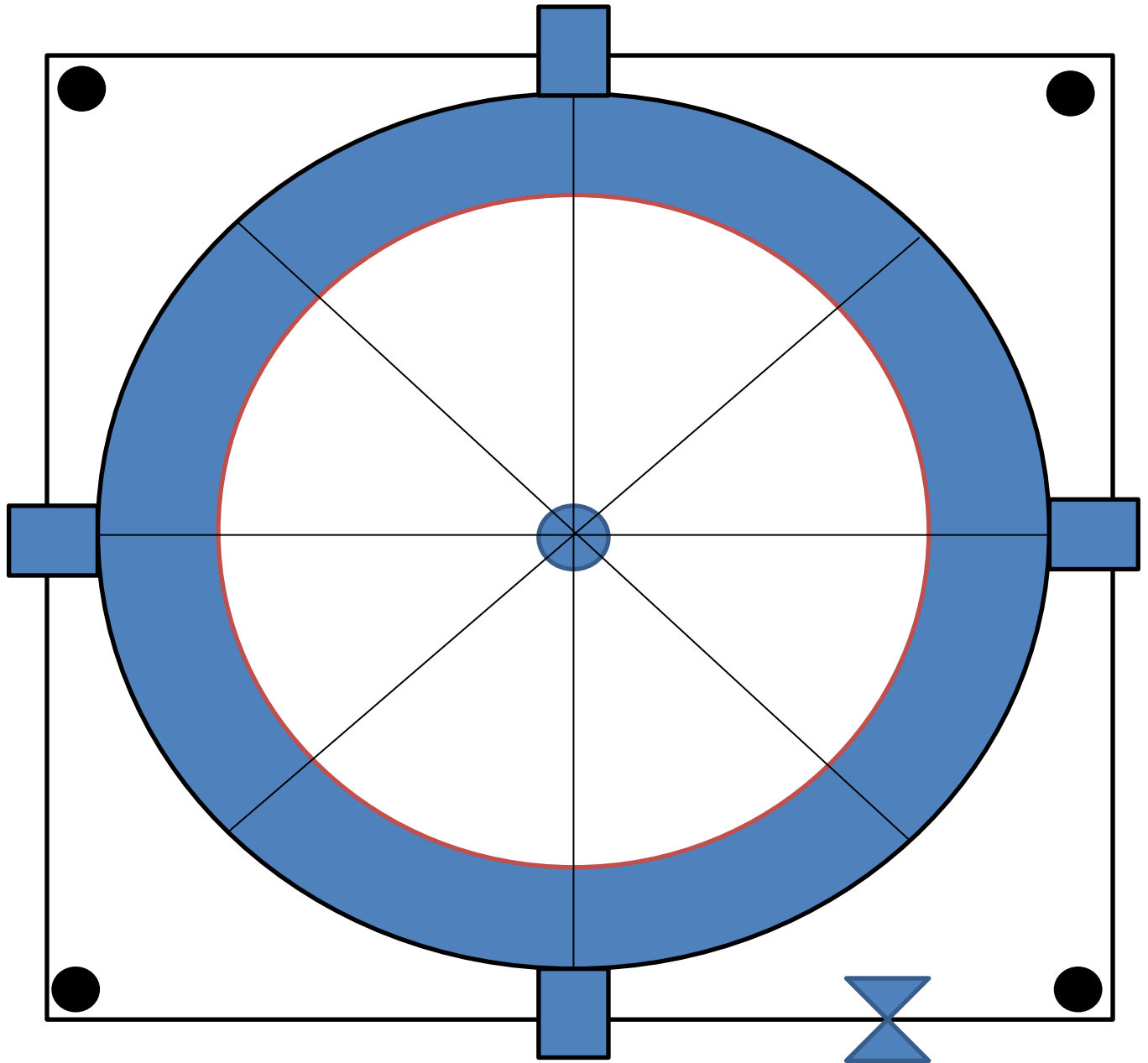
Shortcut Keys

- | | | |
|-----|----------|------------|
| 1. | Ctrl + A | Select All |
| 2. | Ctrl + B | Bold |
| 3. | Ctrl + C | Copy |
| 4. | Ctrl + F | Find |
| 5. | Ctrl + G | Go to |
| 6. | Ctrl + H | Replace |
| 7. | Ctrl + I | Italic |
| 8. | Ctrl + N | New |
| 9. | Ctrl + O | Open |
| 10. | Ctrl + P | Print |
| 11. | Ctrl + S | Save |
| 12. | Ctrl + U | Underline |
| 13. | Ctrl + V | Paste |
| 14. | Ctrl + X | Cut |
| 15. | Ctrl + Y | Redo |
| 16. | Ctrl + Z | Undo |

Shortcut Keys

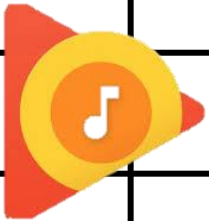
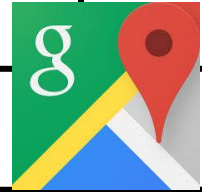


Computer Roll Camera



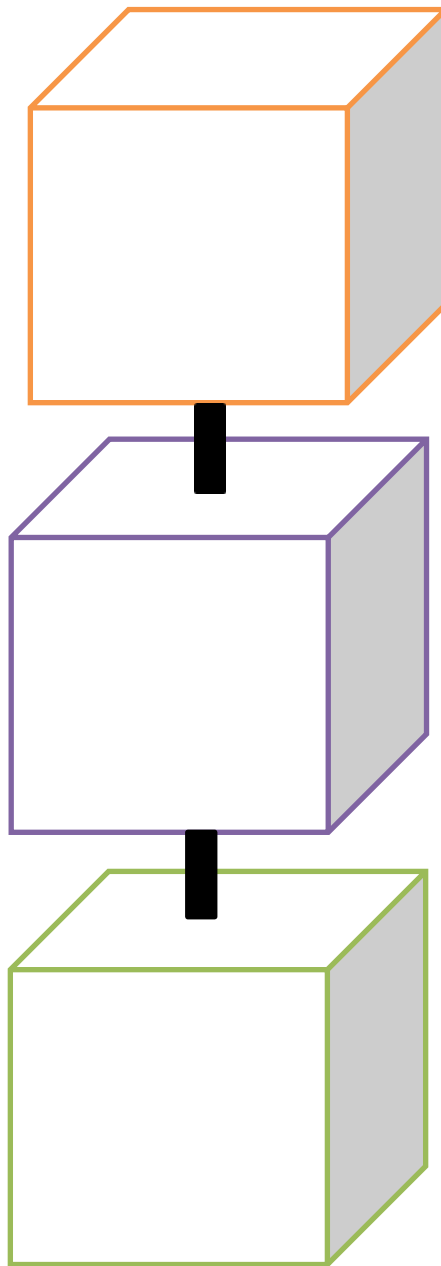
***Insert Scientist Photo inside the roll**

Google App



Spell Bee Computer Words

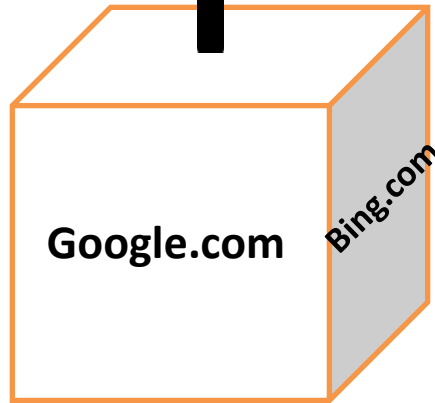
E	E	W	R	S	O	O	S	Y	E	K	O
F	O	L	D	E	R	S	A	A	D	V	D
P	R	R	R	M	T	R	E	B	O	O	T
N	O	O	A	A	H	N	K	I	U	S	D
O	K	O	O	G	R	T	I	R	S	D	H
T	E	M	B	B	W	E	R	R	B	A	A
E	Y	S	R	M	O	U	S	E	P	R	R
S	B	P	E	I	S	C	R	E	E	N	D
U	O	E	H	H	C	R	A	E	S	E	W
H	A	A	T	T	A	B	L	E	E	E	A
R	R	K	O	E	M	O	N	I	T	O	R
A	D	E	M	I	C	O	N	S	E	R	E
B	V	R	K	E	R	A	W	T	F	O	S
R	E	S	W	O	R	B	C	P	U	A	R



Rotating Blocks

WRITE FULL FORMS

1. CPU : Central Processing Unit
2. ALU : Arithmetic Logic Unit
3. CU : Control Unit
4. MU : Memory Unit
5. RAM : Random Access Memory
6. ROM : Read Only Memory
7. GUI : Graphical User Interface
8. CD : Compact Disk
9. DVD : Digital Video Disk
10. BCR : Bar Code Reader
11. VDU : Visual Display Unit
12. MS Paint : Microsoft Paint



Rotating Block

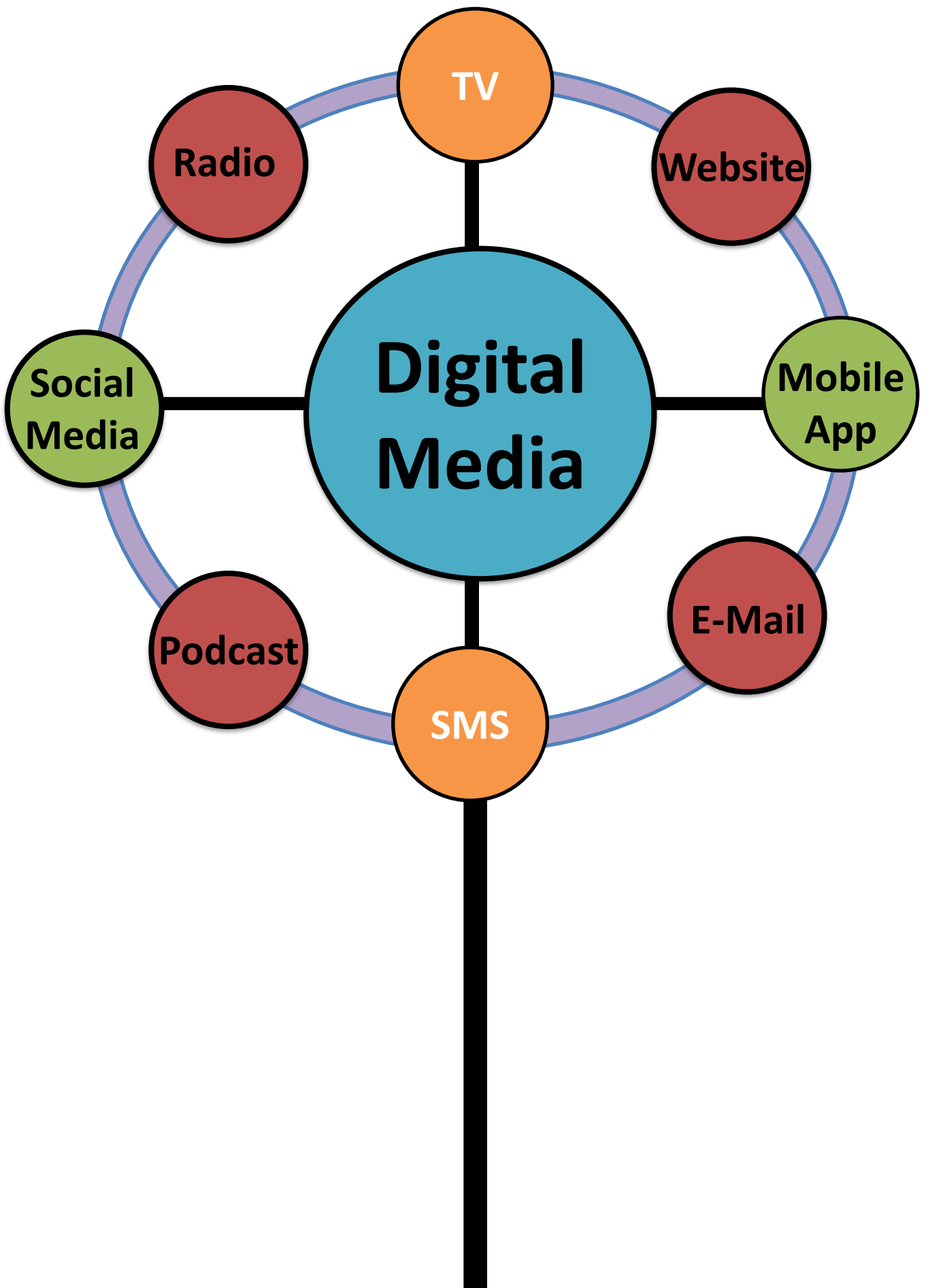
Search Engines

☐ Google.com

☐ Bing.com

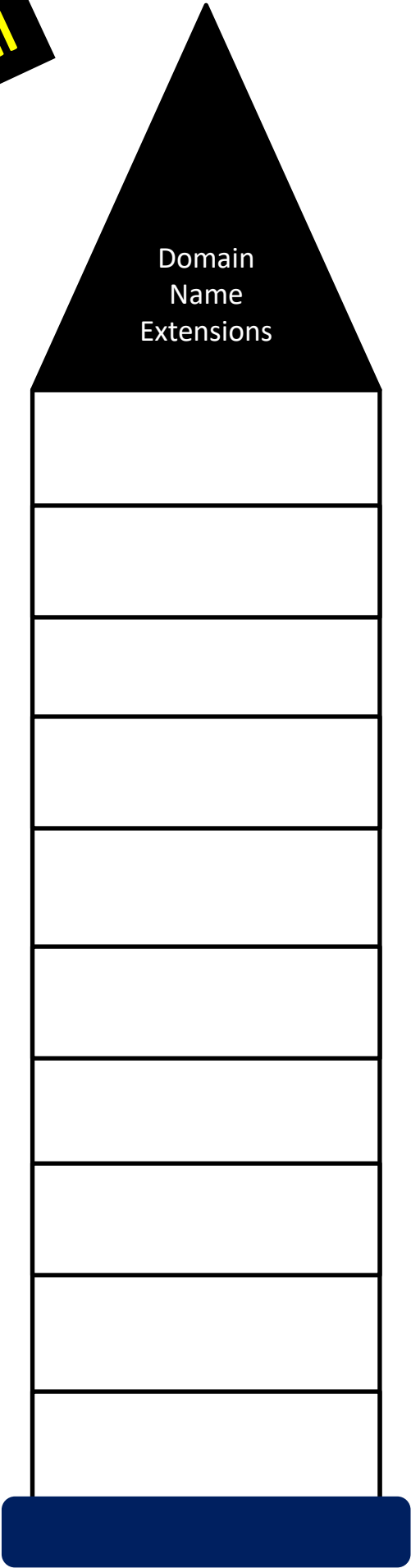
☐ Ask.com

☐ Yahoo.com



Rotational Pencil

Abbreviation (Extensions)	Full Forms
.com	Commercial Internet Sites
.net	Internet Administrative Site
.org	Organization Site
.edu	Education Sites
.firm	Business Site
.gov	Government Site
.int	International Institutions
.mil	Military Site
.mobi	Mobile Phone Site
.int	International Organizations
.io	Indian Ocean (British Indian Ocean Territory)
.mil	U.S. Military
.gov	Government
.store	A Retail Business
.web	Internet Site that is about the World Wide Web
.in	India
.au	Australia
.ae	Arab Emirates
.sa	Saudi Arabia
.us	United States
.uk	United Kingdom
.kh	Cambodia
.th	Thailand
.cn	China
.vn	Vietnam
.jp	Japan
.sg	Singapore
.nz	New Zealand
.my	Malaysia





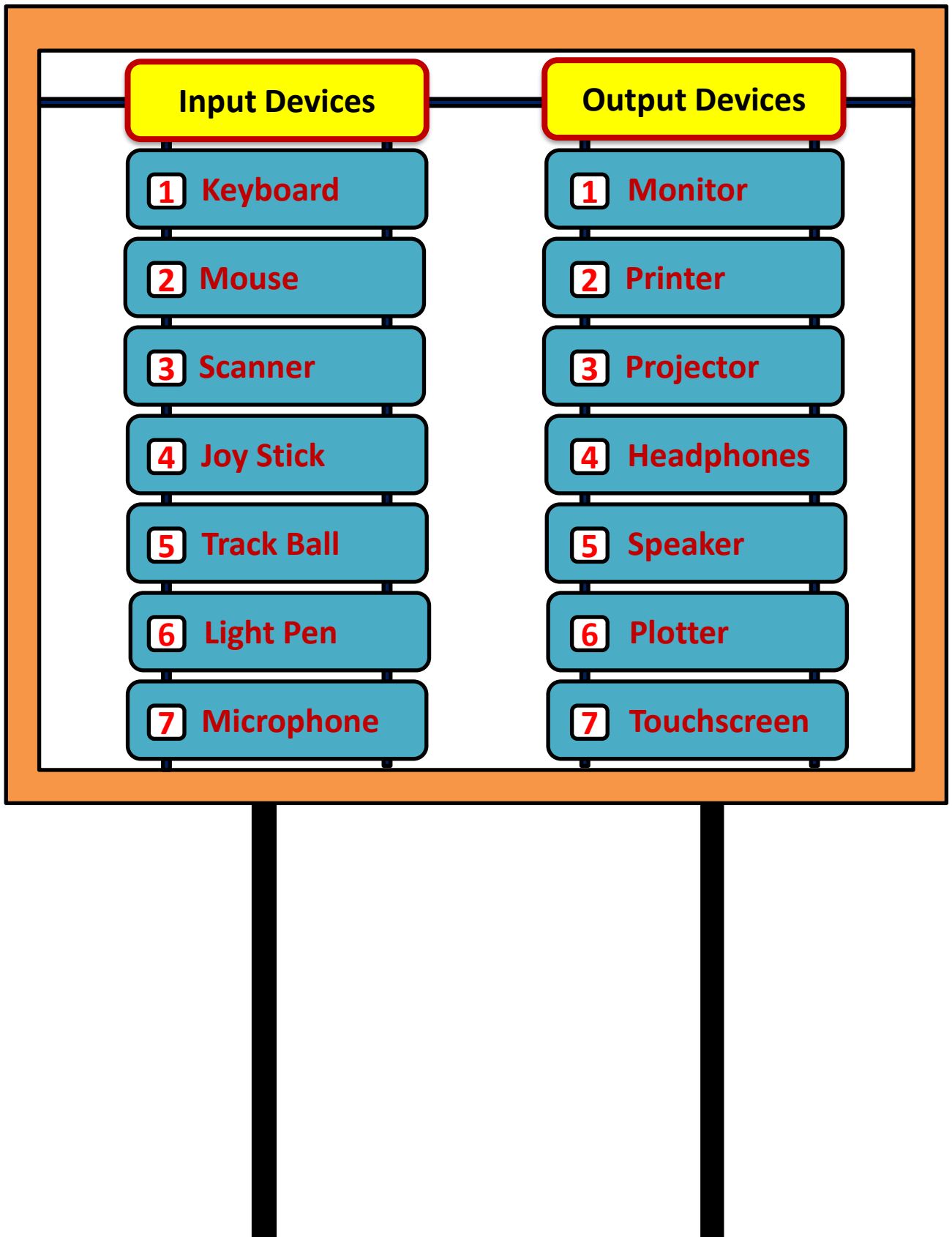
Rotating Blocks

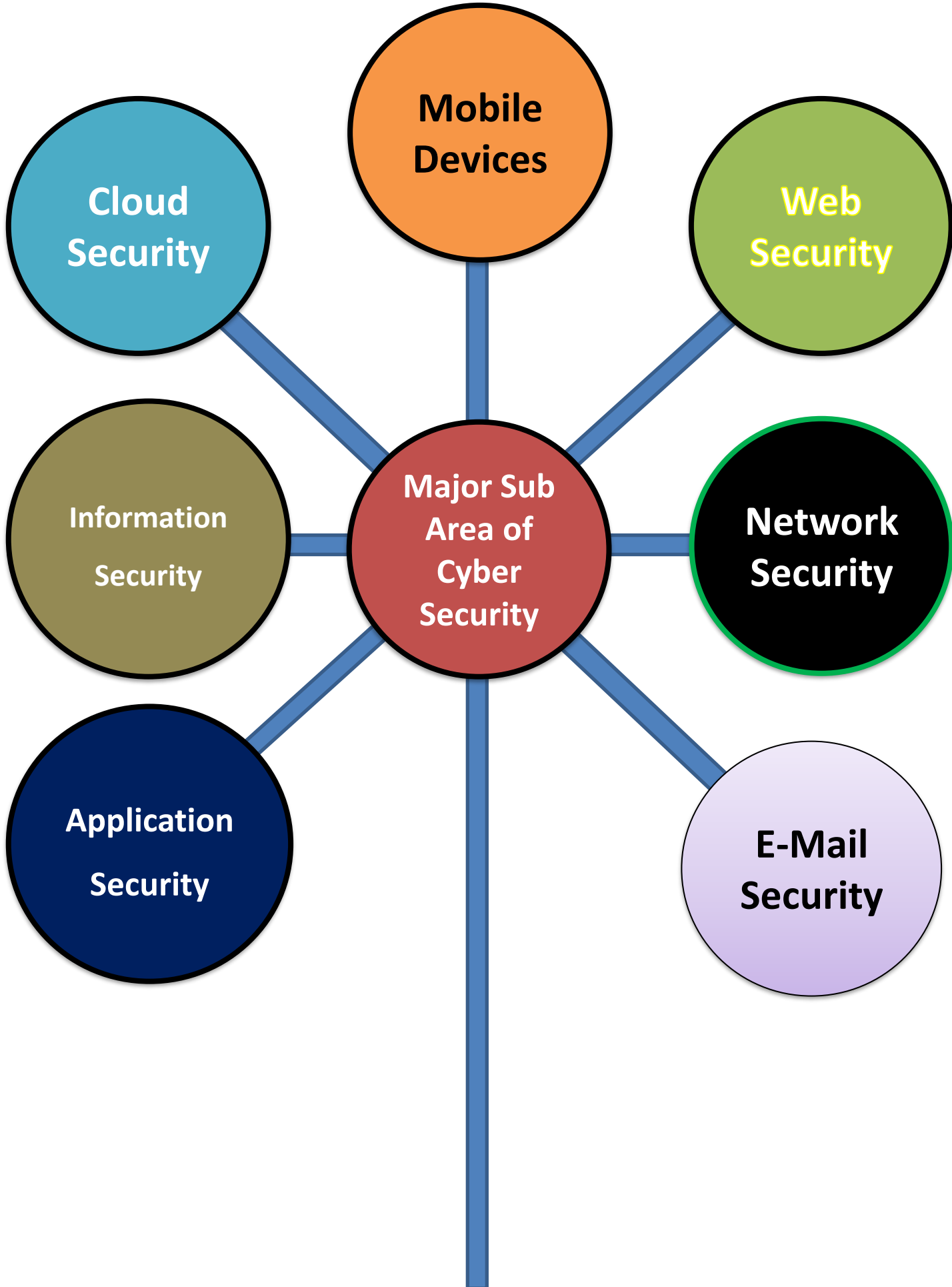


Write single letter on each box to complete a Word

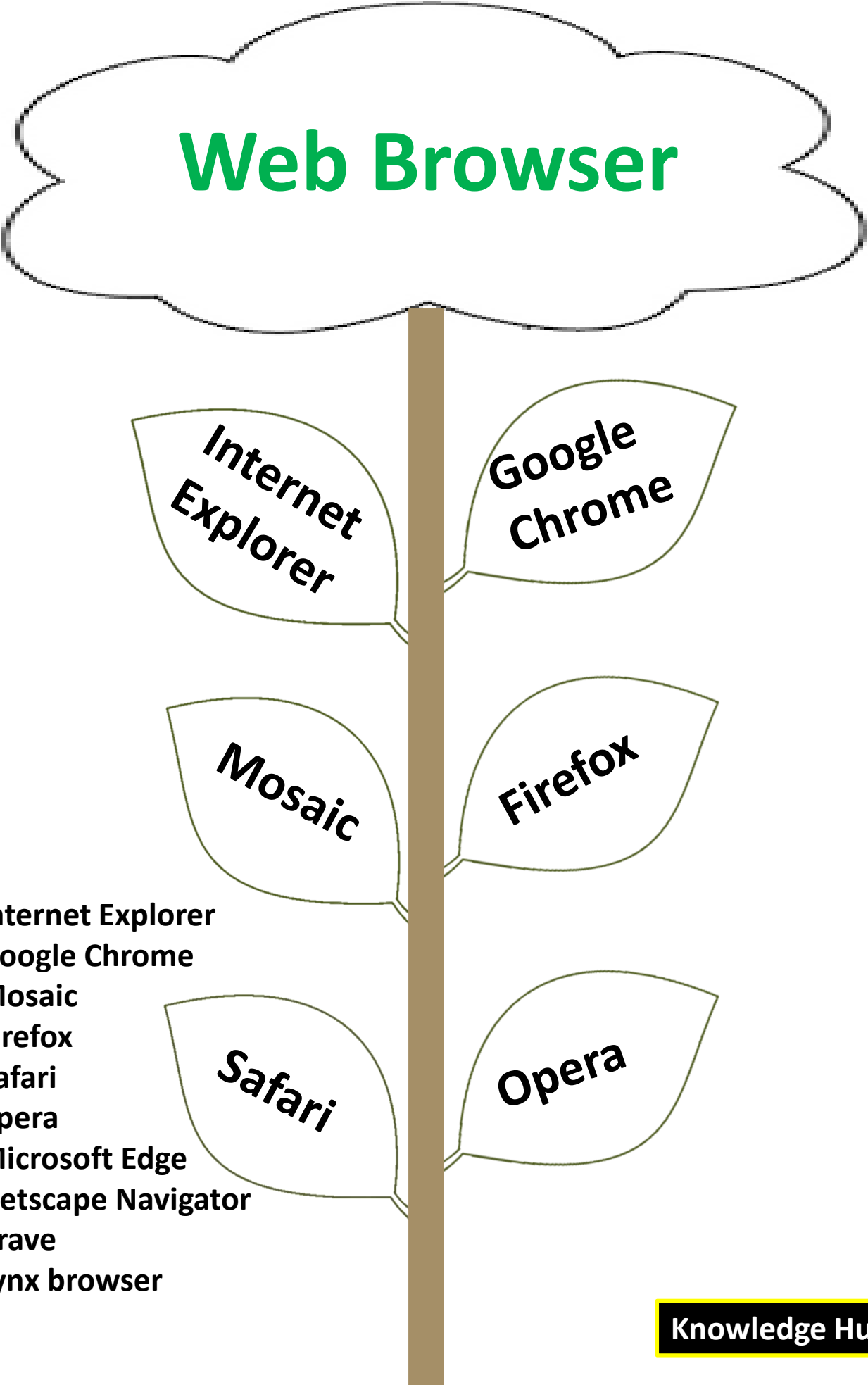
- | | |
|------------|------------|
| ❖ Computer | ❖ Storage |
| ❖ Software | ❖ Google |
| ❖ Digital | ❖ Pointer |
| ❖ Printer | ❖ Keyboard |
| ❖ Coding | ❖ Mouse |
| ❖ Data | ❖ Screen |
| ❖ Program | ❖ Wireless |
| ❖ Devices | ❖ Online |
| ❖ Internet | ❖ Network |
| ❖ Modem | ❖ Screen |

Computer Input & Output Devices





Web Browser



Internet Explorer

Google Chrome

Mosaic

Firefox

Safari

Opera

- Internet Explorer
- Google Chrome
- Mosaic
- Firefox
- Safari
- opera
- Microsoft Edge
- Netscape Navigator
- Brave
- Lynx browser

**Educational
Web Link**

punjabeducare.org

khanacademy.org

swayamprabha.gov.in

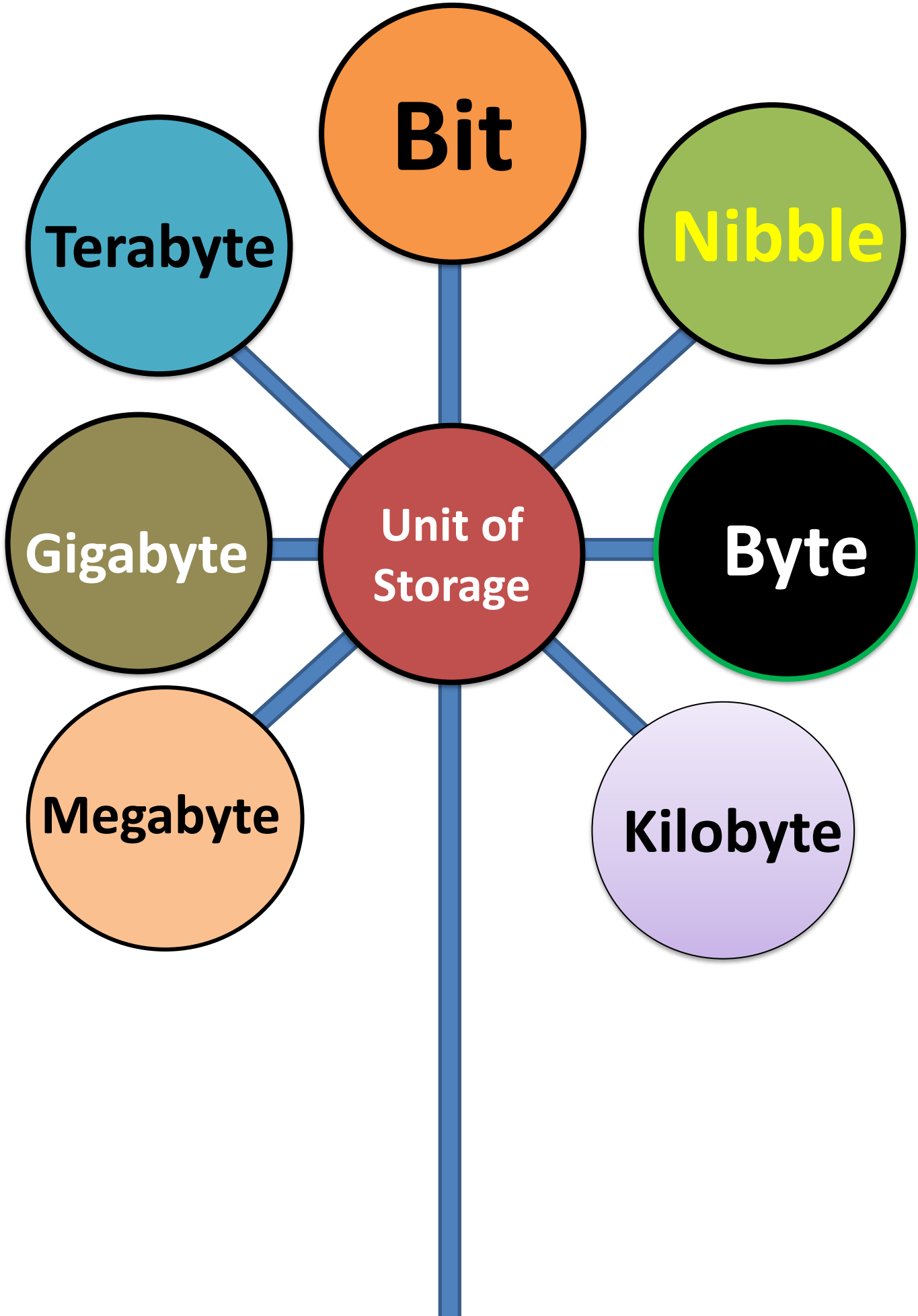
ssapunjab.org

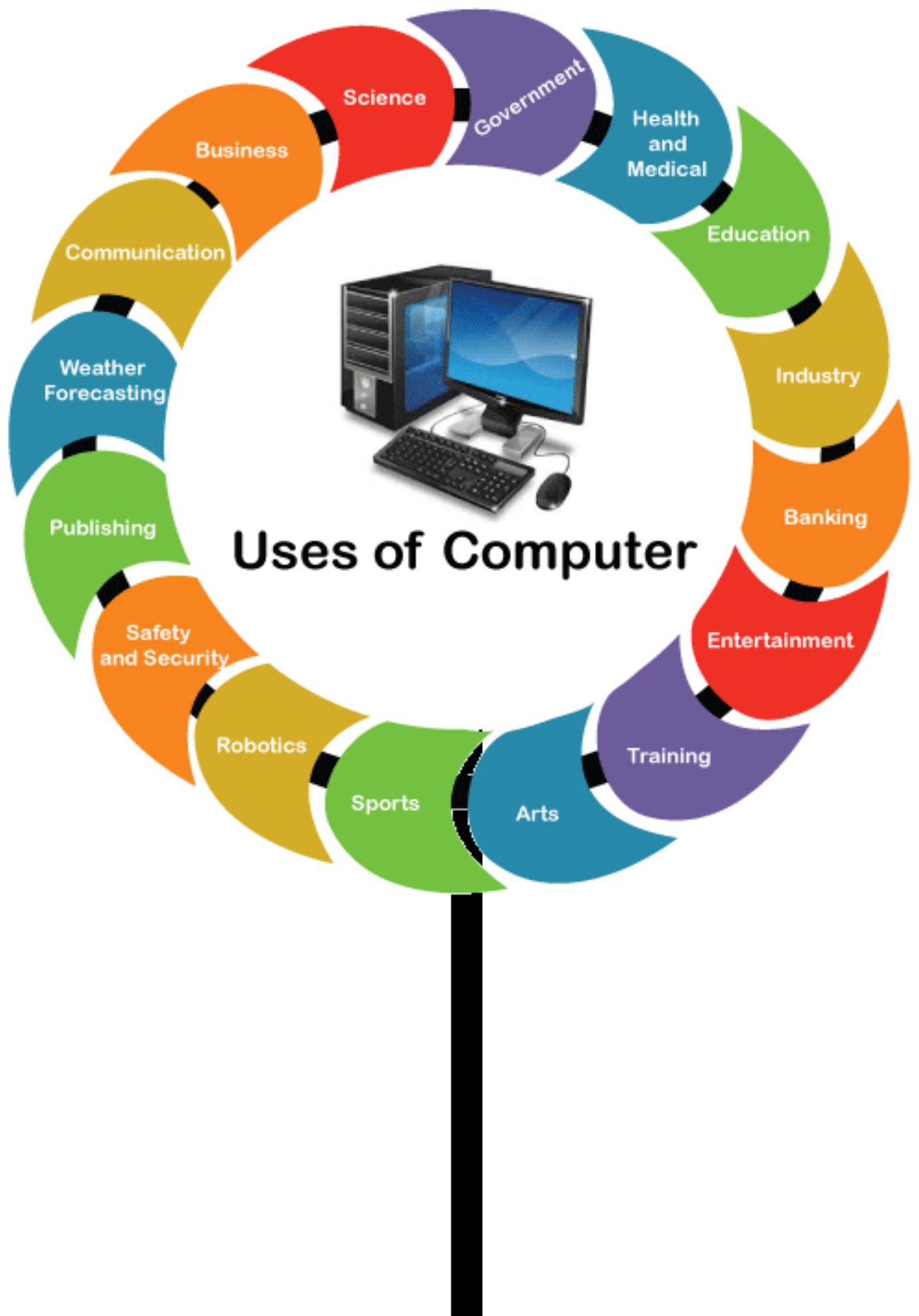
punjab.gov.in

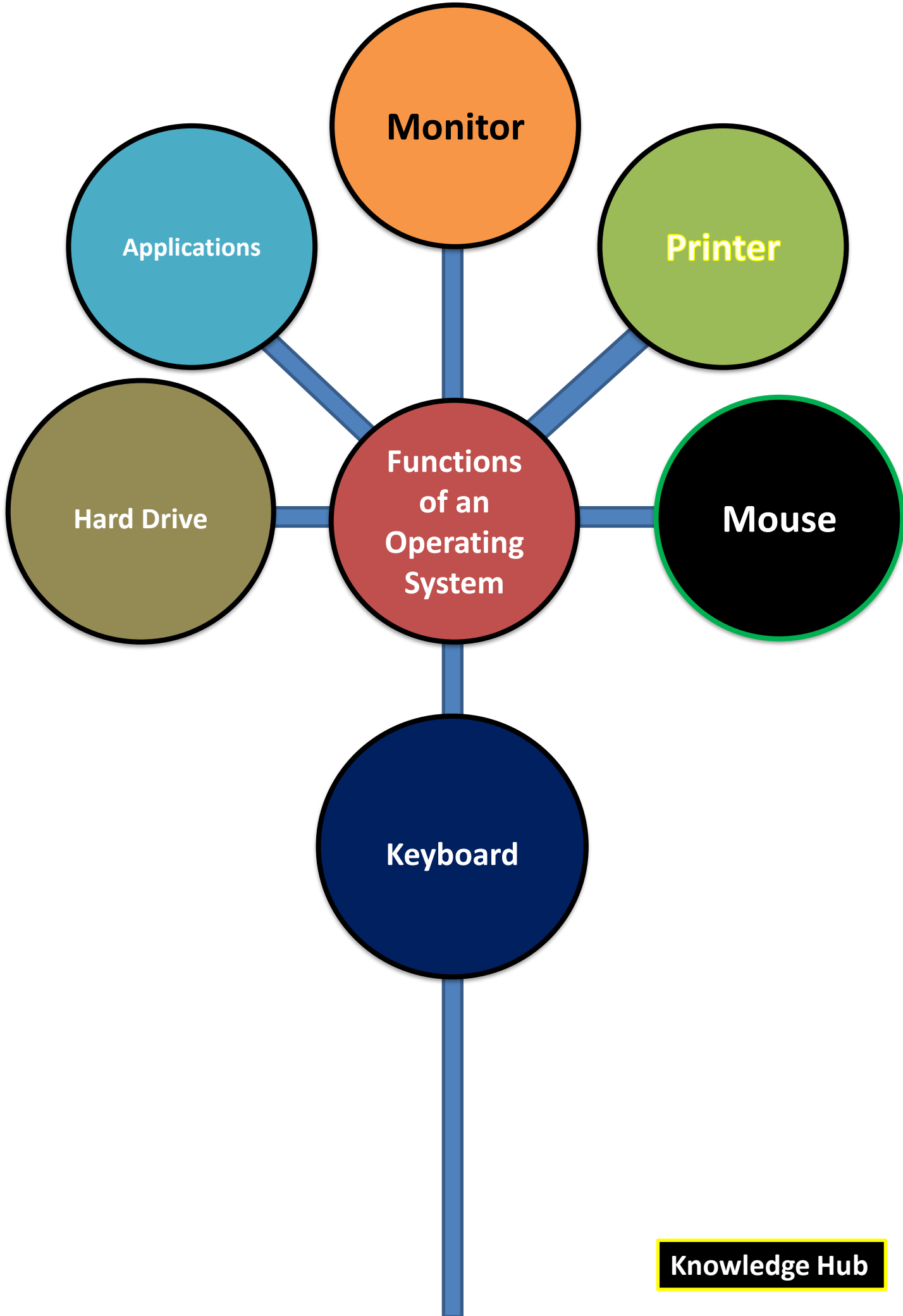
righttoread.englishhelper.com

scholarships.gov.in

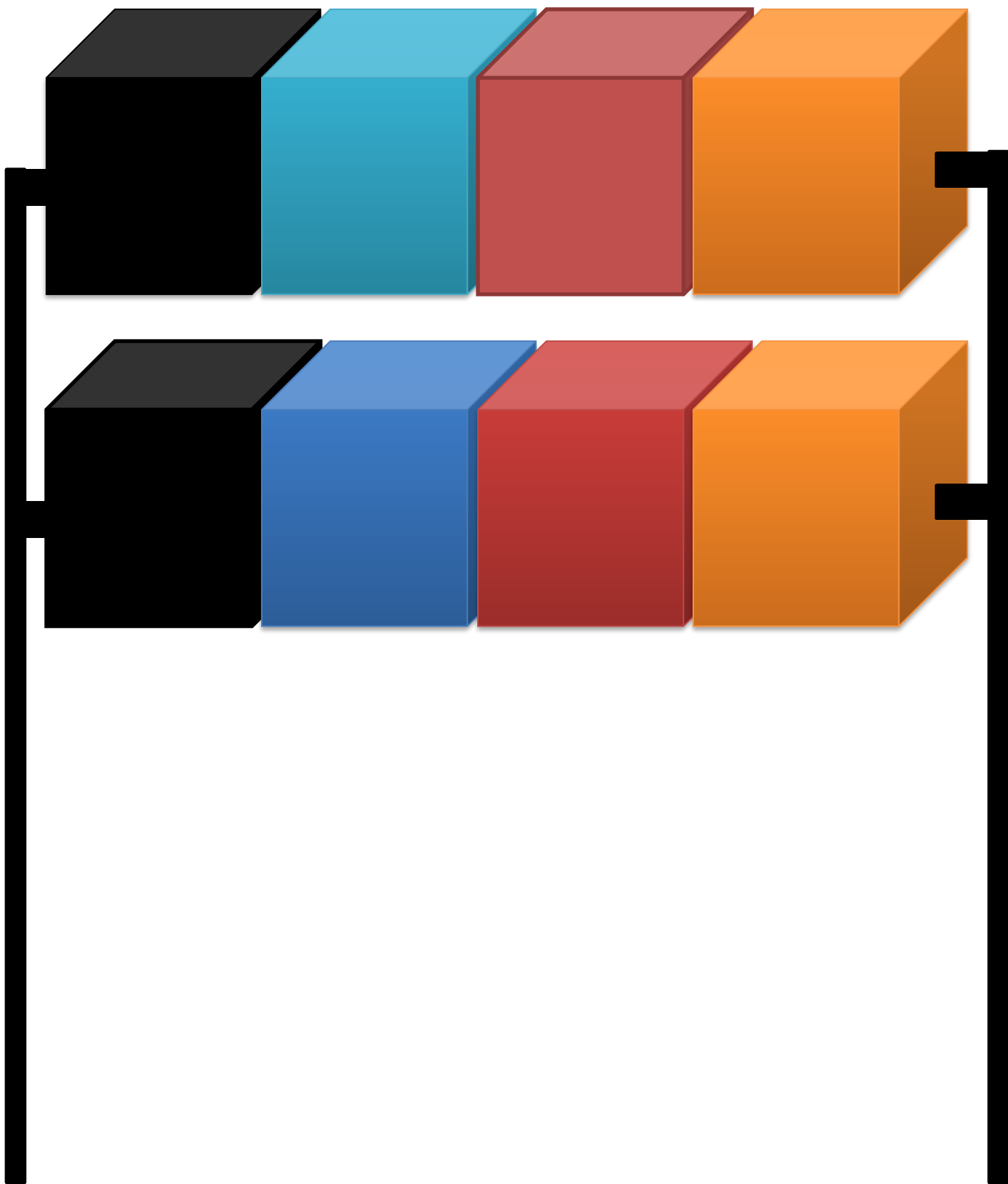
epunjabschool.gov.in

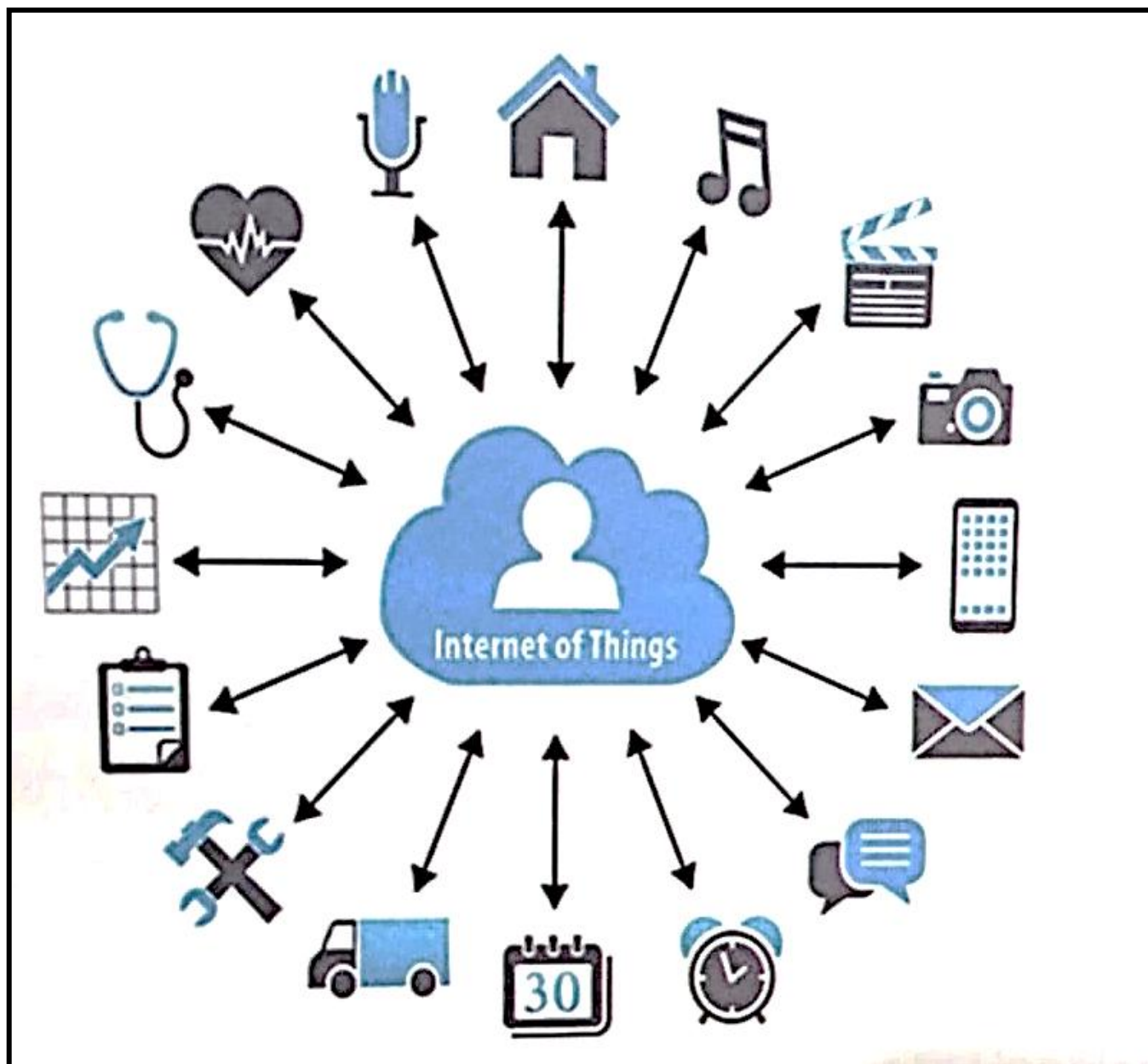












Computer Languages

HTML (Hyper Text Markup Language)

CSS (Cascading Style Sheets)

PHP (Hypertext Pre-processor)

SQL (Structured Query Language)

FORTRAN (Formula Translation)

Types of Keys

Alphabetical Keys

Numeric Keys

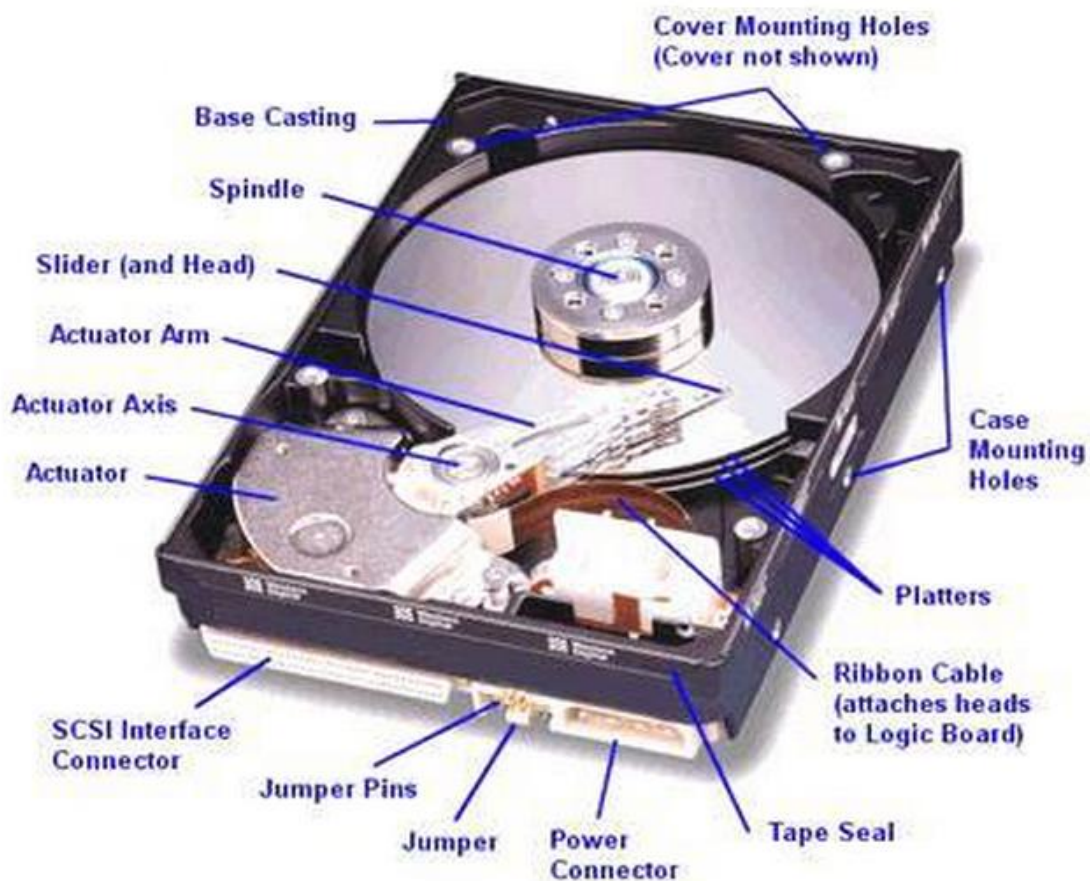
Functional keys

Special keys

Arrow Keys

Special Symbols Keys

ਹਾਰਡ ਡਿਸਕ ਦੇ ਭਾਗ



Computer Languages

HTML

CSS

JAVA

PHP

C/C#

COBOL

FORTRAN

Python

Pascal

Swift

Special Keys

Delete

Enter

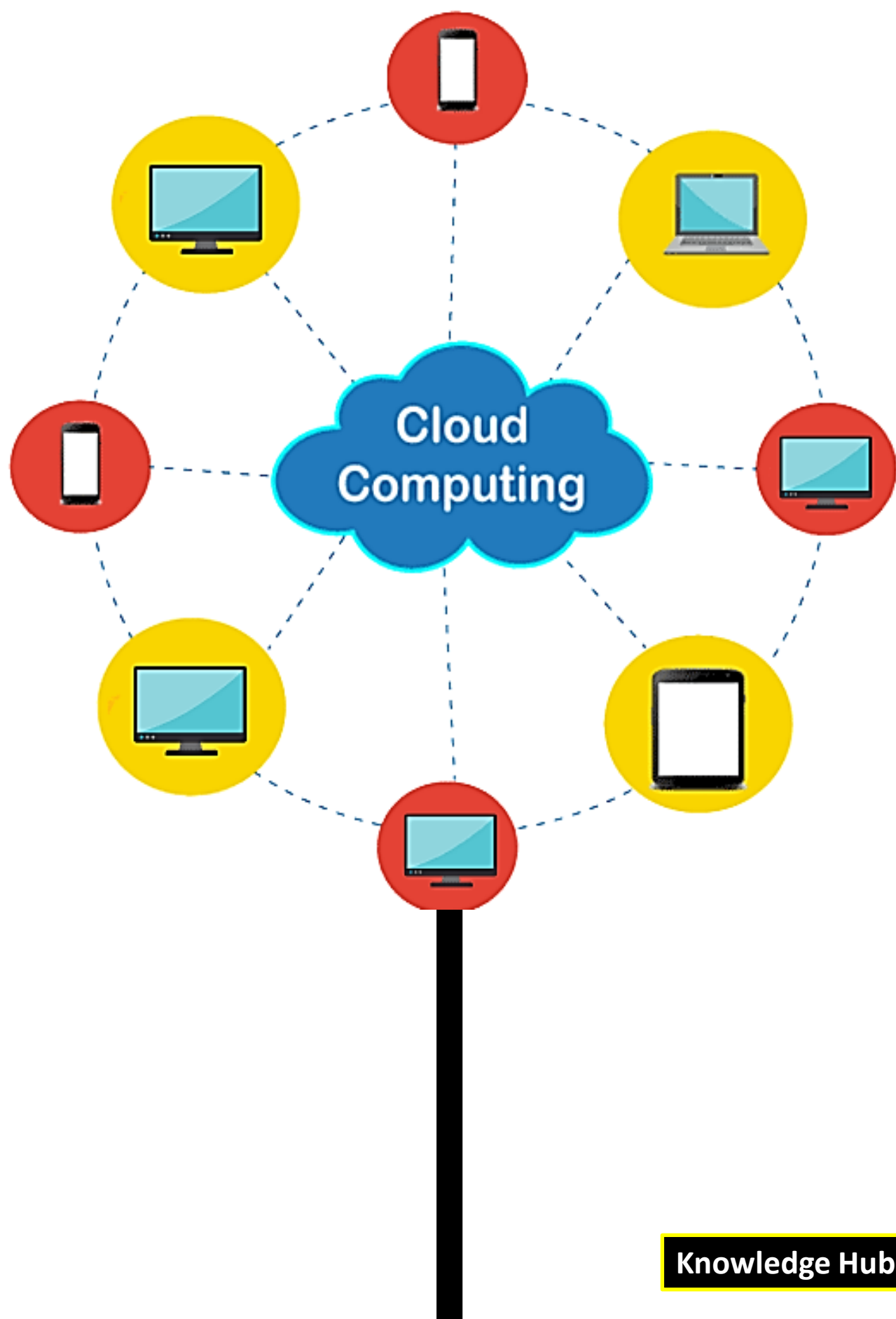
Spacebar

Control

Shift

Caps Lock

Alt Keys



Software

MS Word

MS Paint

MS Excel

MS PowerPoint

Operating System

Hardware

Hard Disk

Mouse

Monitor

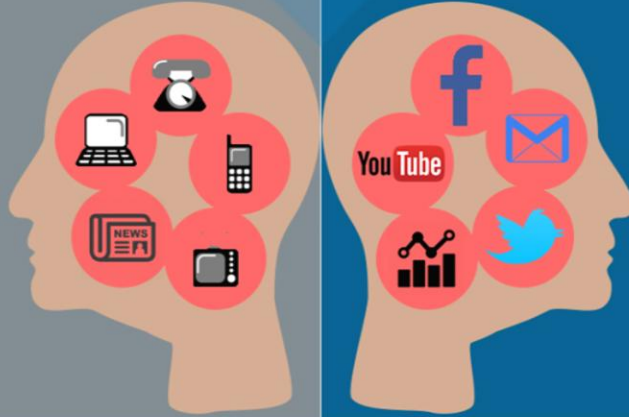
Keyboard

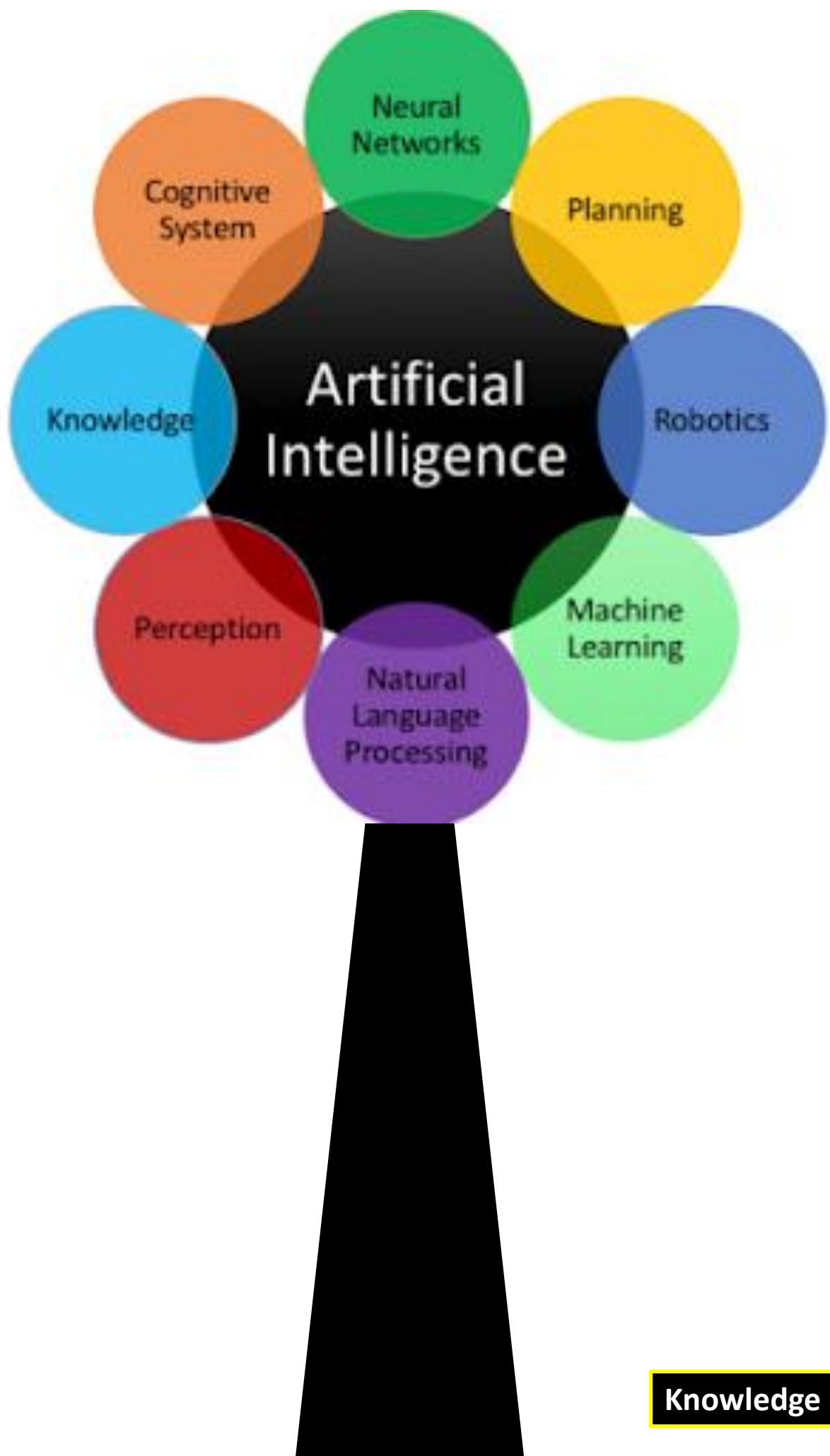
Printer

TRADITIONAL

VS

DIGITAL





G2C

citizen

G2B

business

**E-Governance
Models**

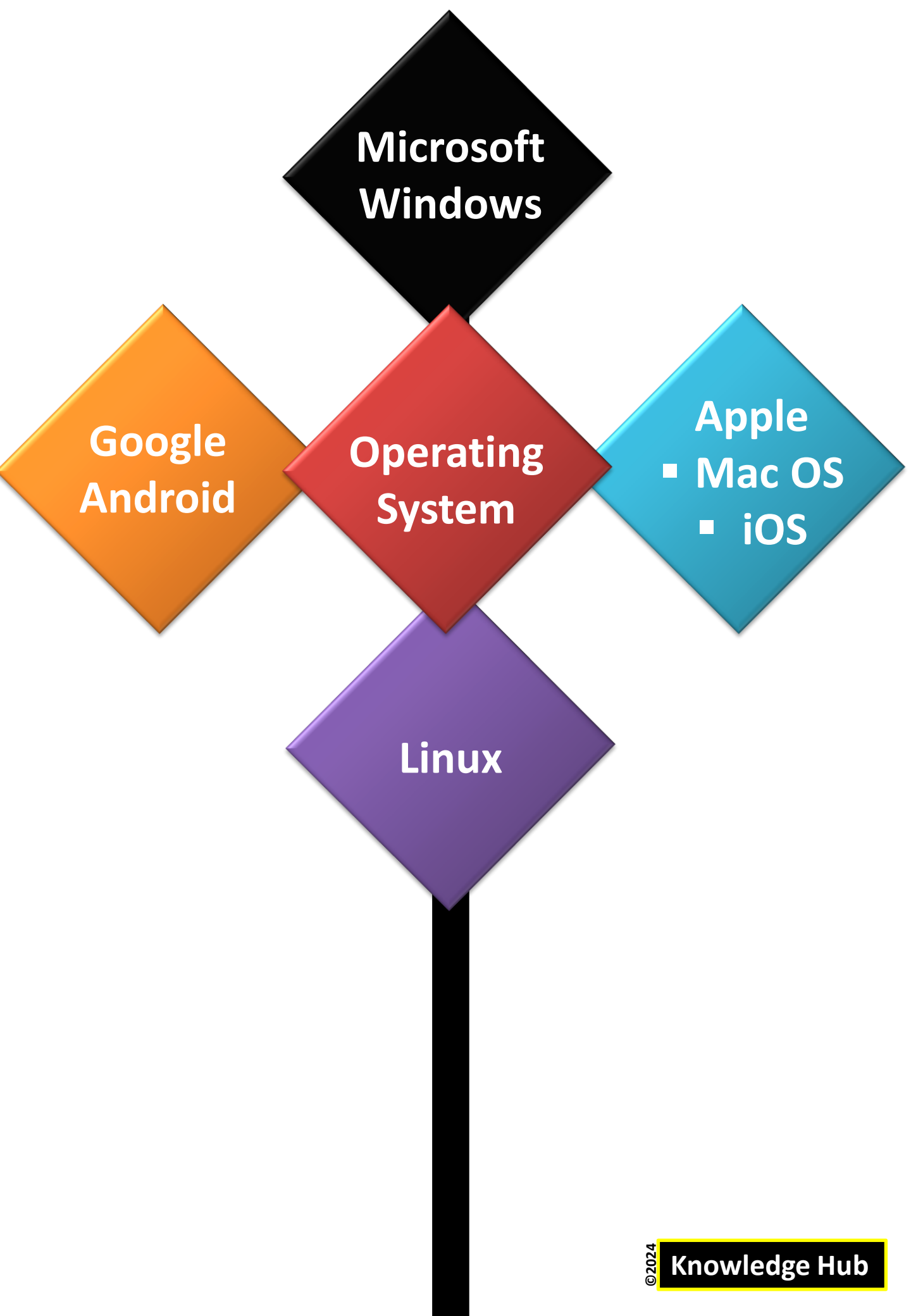
G2G

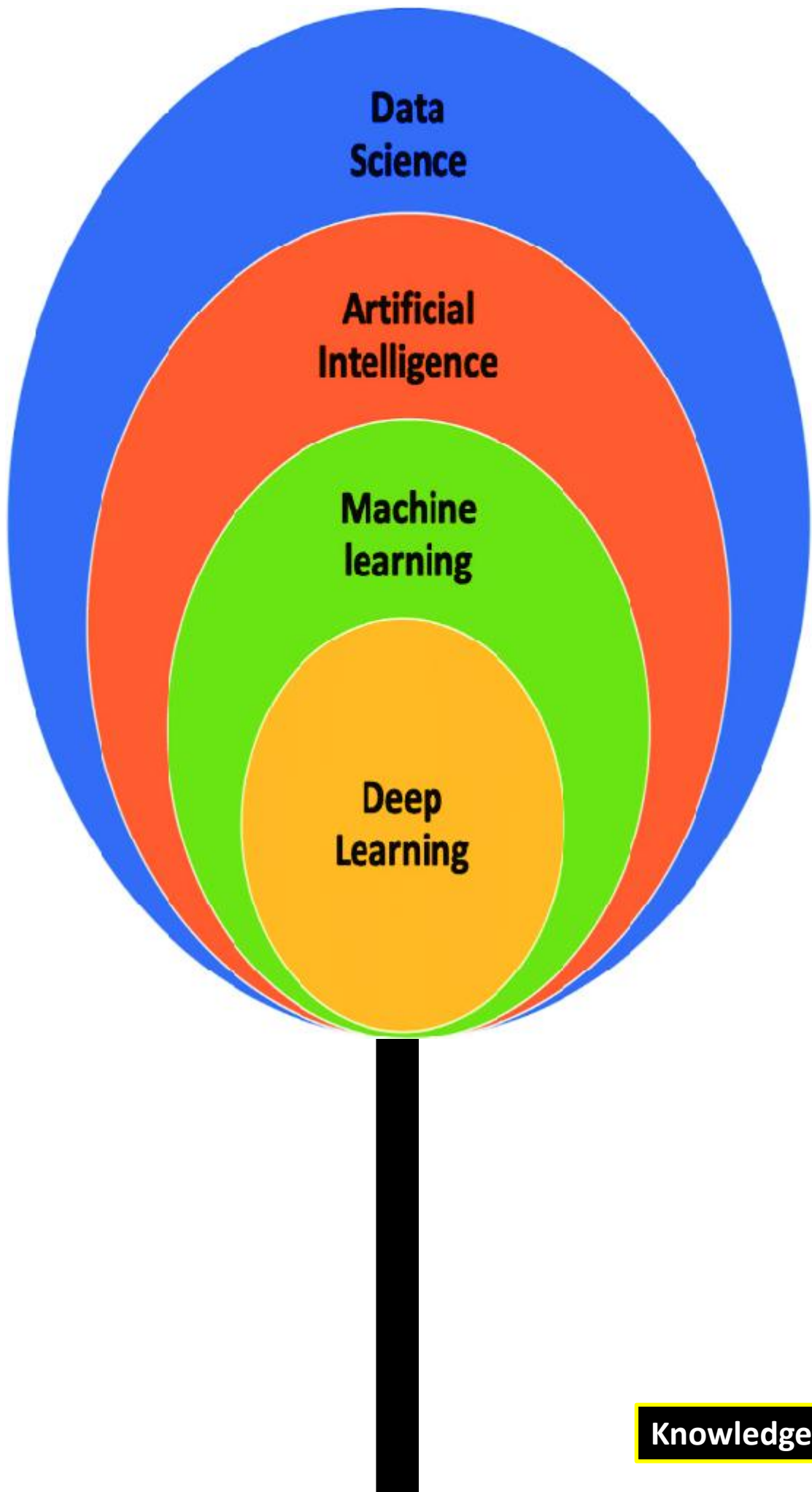
government

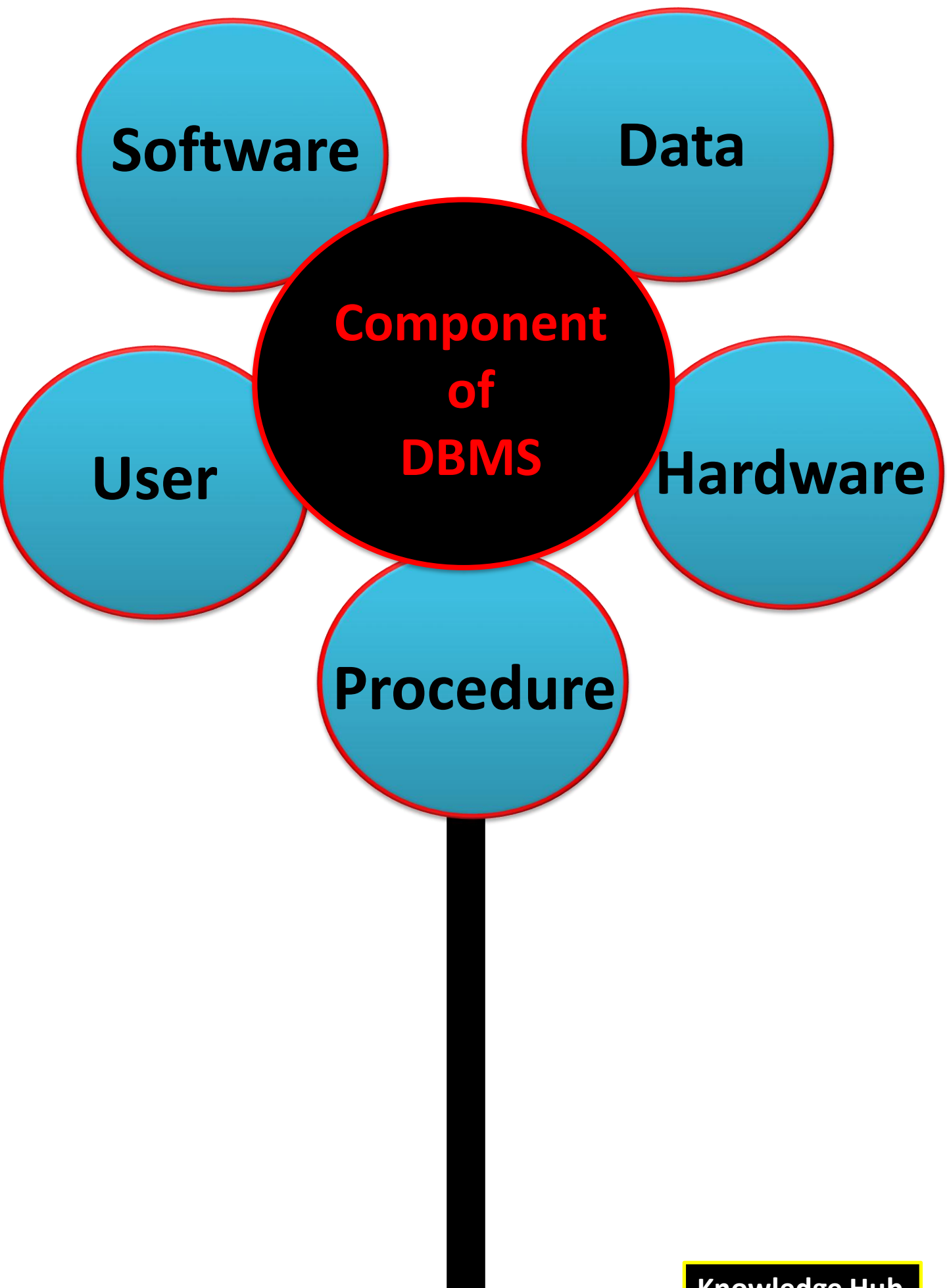
G2E

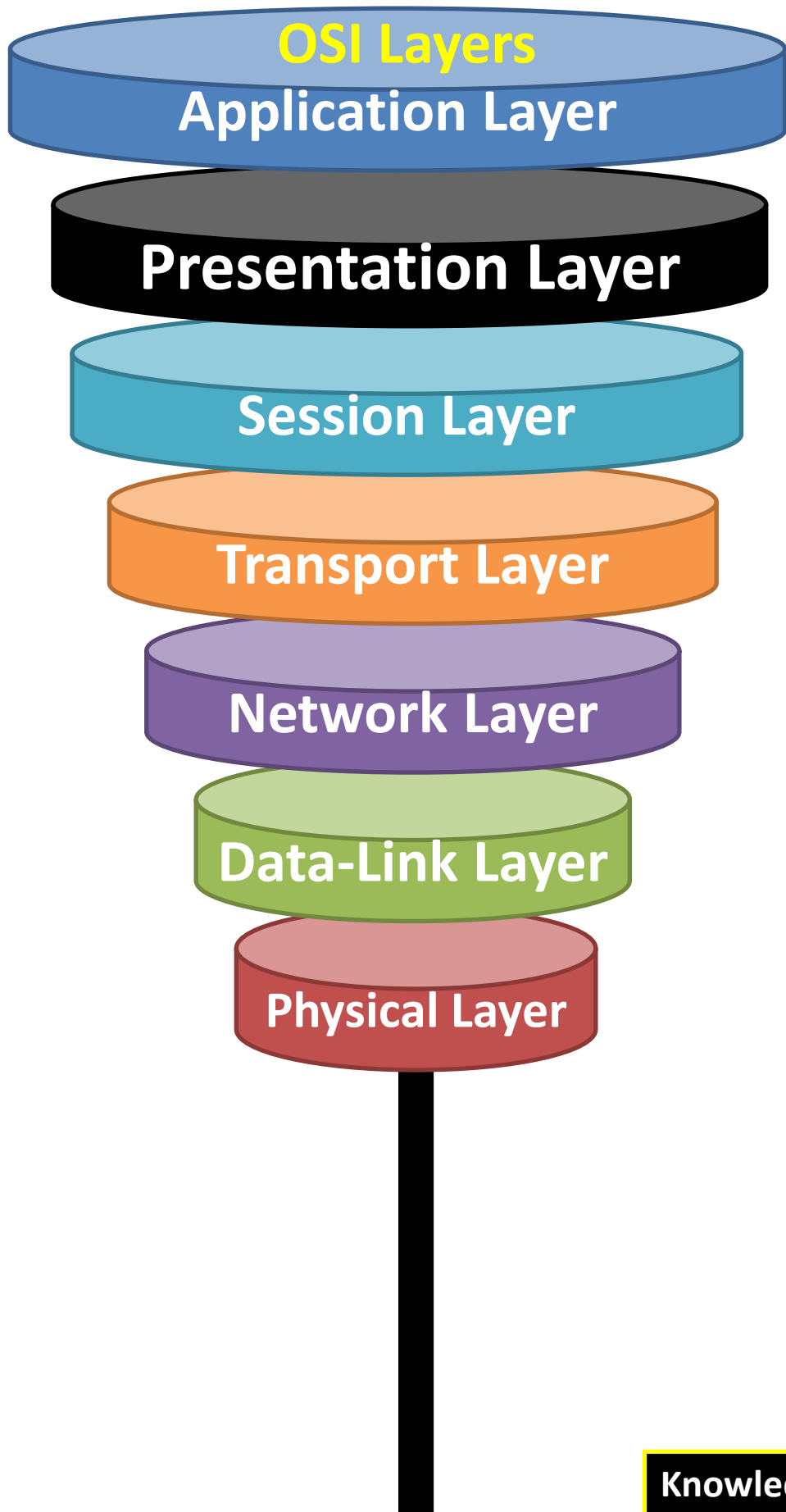
employee

**NGOs
(G2N)**

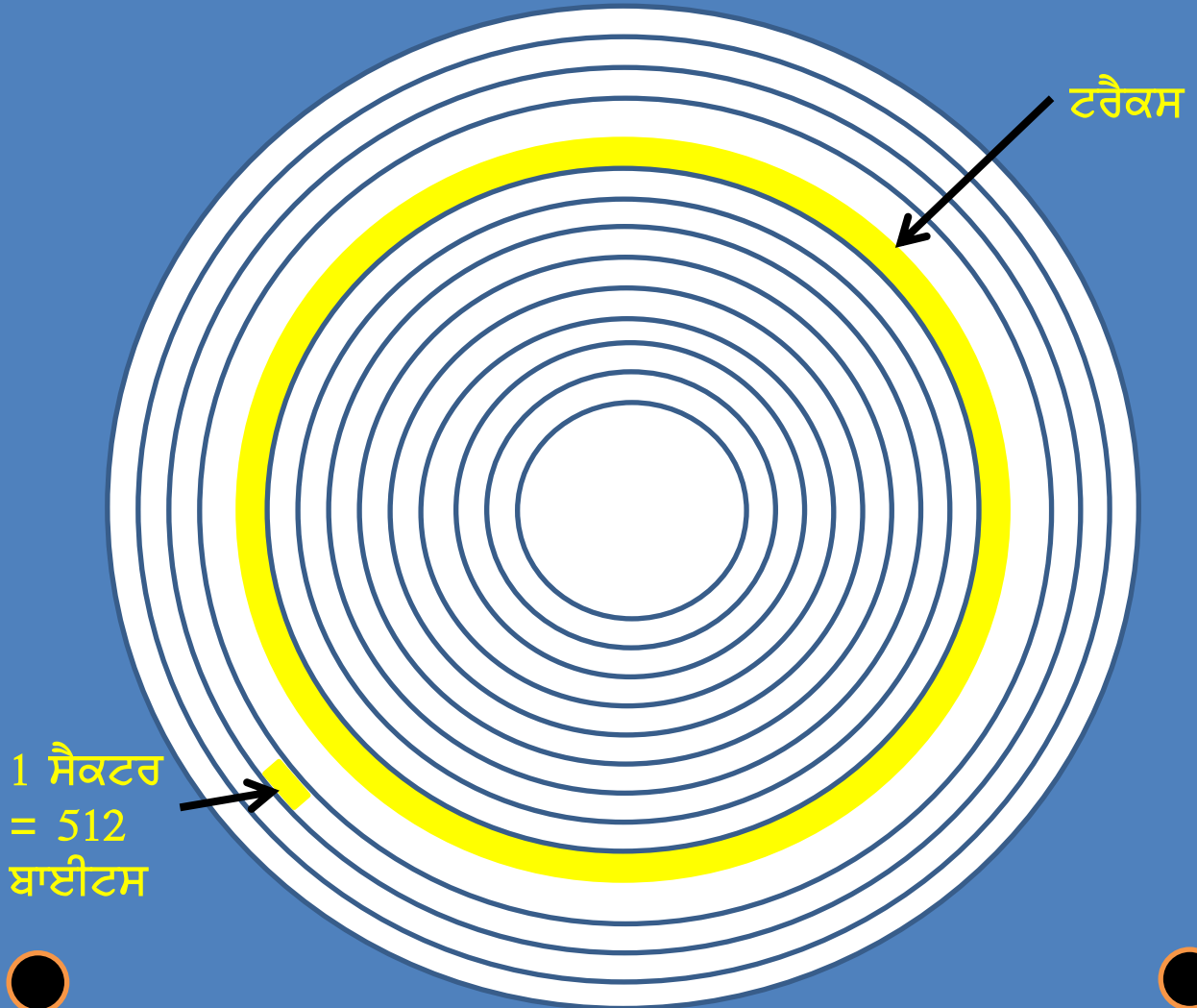


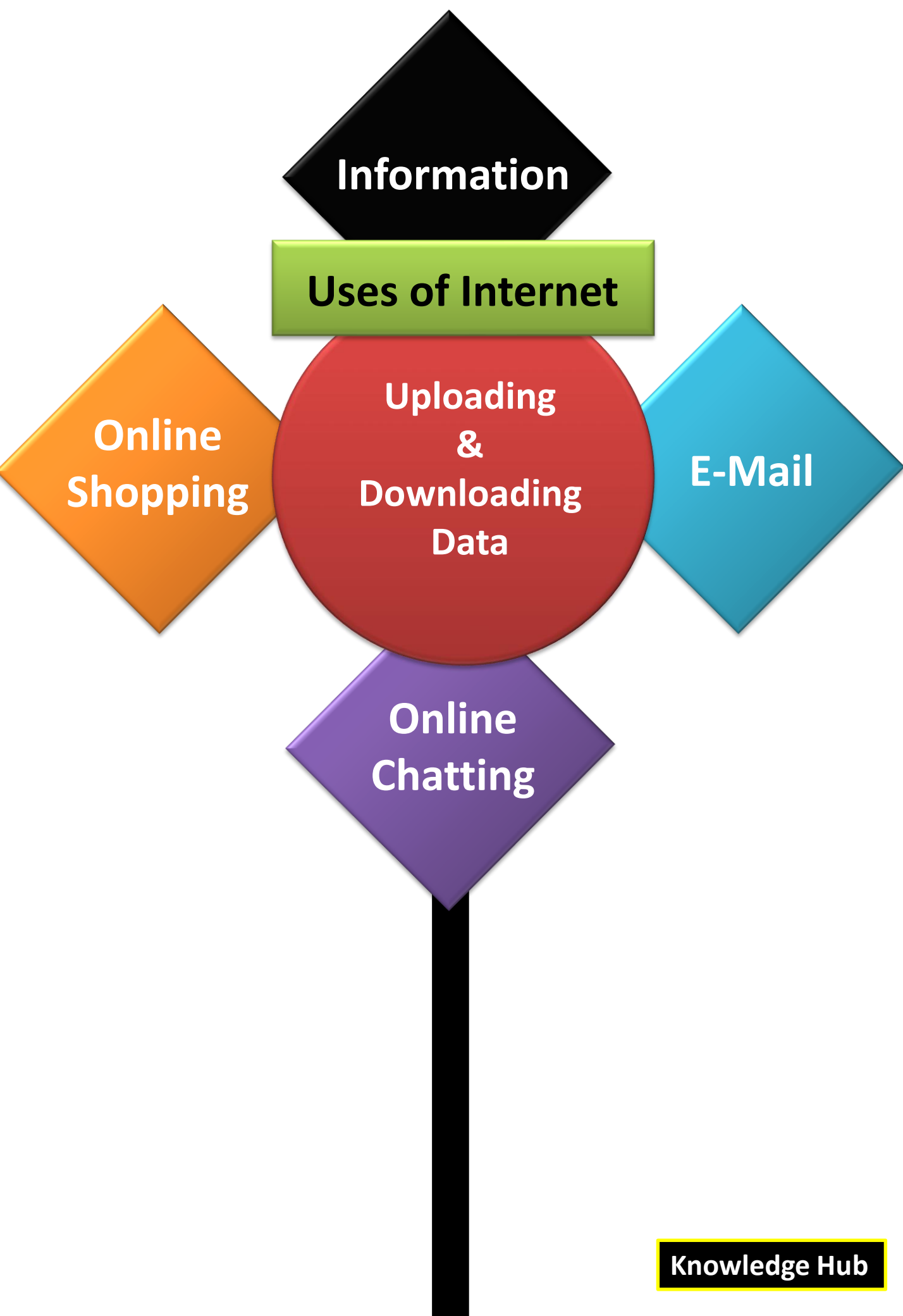






ਟਰੈਕਸ ਅਤੇ ਸੈਕਟਰ





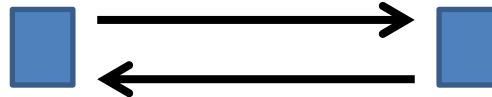
ਟ੍ਰਾਂਸਮਿਸ਼ਨ ਮੋਡ



ਸਿੰਪਲੈਕਸ ਮੋਡ

ਹਾਫ-ਡੁਪਲੈਕਸ ਮੋਡ

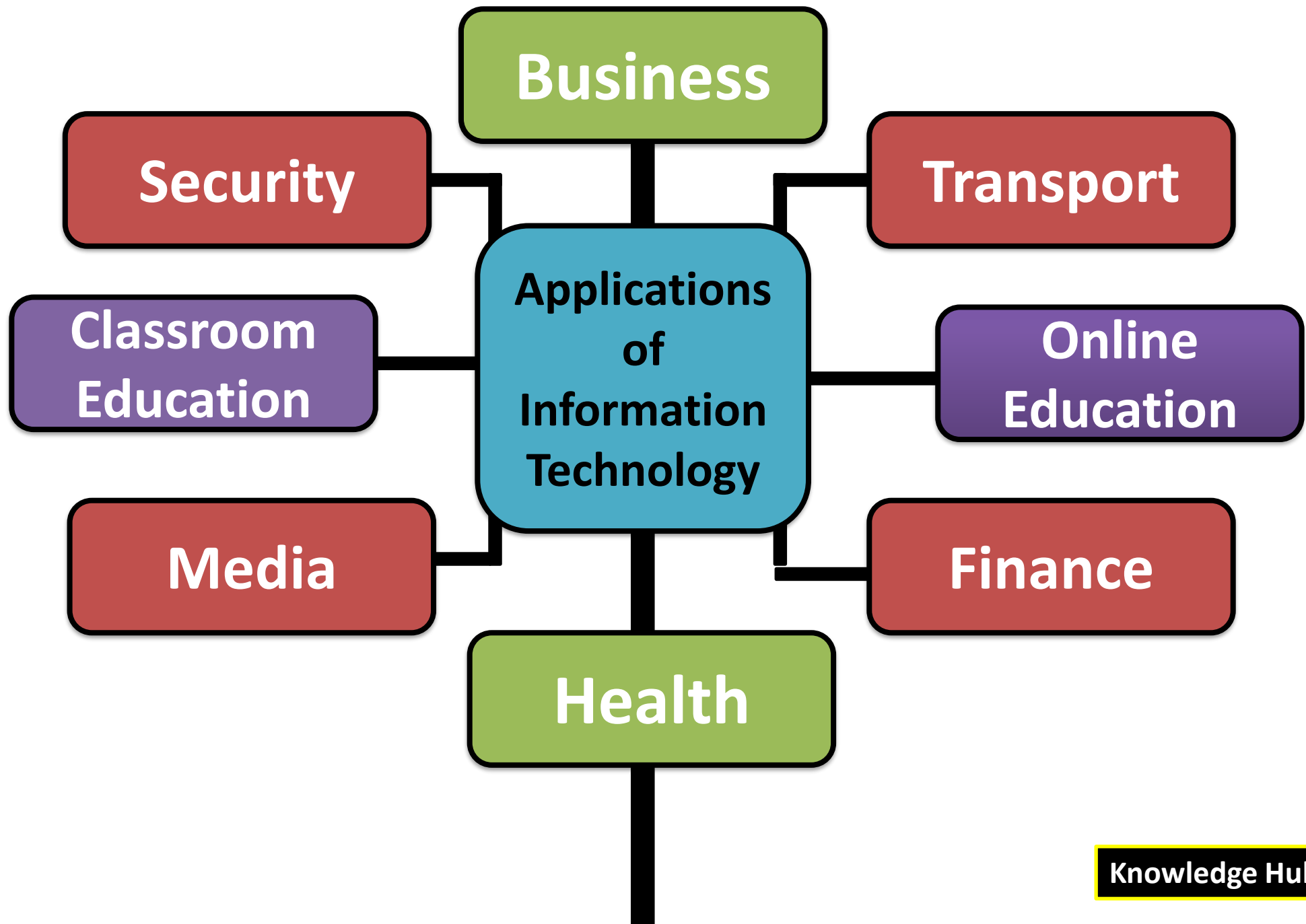
ਫੁੱਲ-ਡੁਪਲੈਕਸ ਮੋਡ



ਇੱਕ ਦਿਸ਼ਾਵੀ ਟਰਾਂਸਮਿਸ਼ਨ

ਦੋ ਦਿਸ਼ਾਵੀ ਟਰਾਂਸਮਿਸ਼ਨ
ਇੱਕ ਸਮੇਂ ਕੇਵਲ ਇੱਕ ਦਿਸ਼ਾ ਵਿੱਚ

ਦੋ ਦਿਸ਼ਾਵੀ ਟਰਾਂਸਮਿਸ਼ਨ
ਦੋਵੇ ਦਿਸ਼ਾਵਾ ਵਿੱਚ ਇੱਕੋ ਸਮੇਂ



ਨੈਟਵਰਕ ਟੋਪੋਲੋਜੀਜ਼



ਬੱਸ

ਰਿੰਗ

ਸਟਾਰ

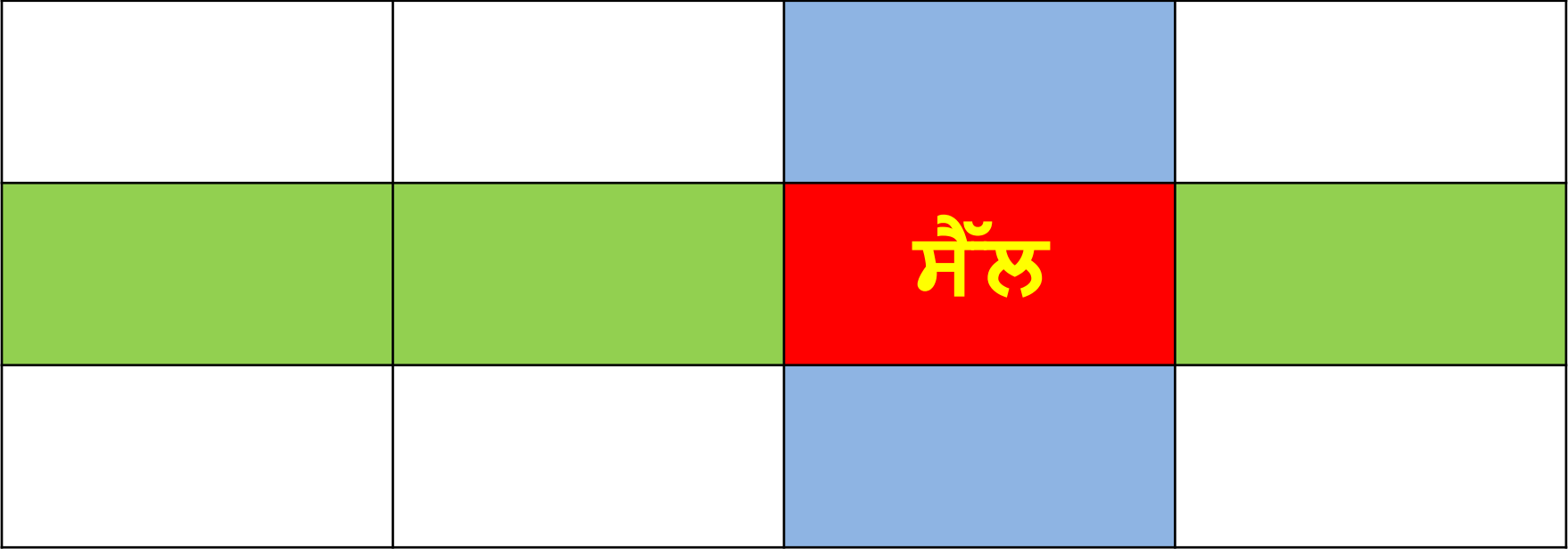
ਹਾਈਬ੍ਰਿਡ

ਹਾਈਬ੍ਰਿਡ

ਹਾਈਬ੍ਰਿਡ

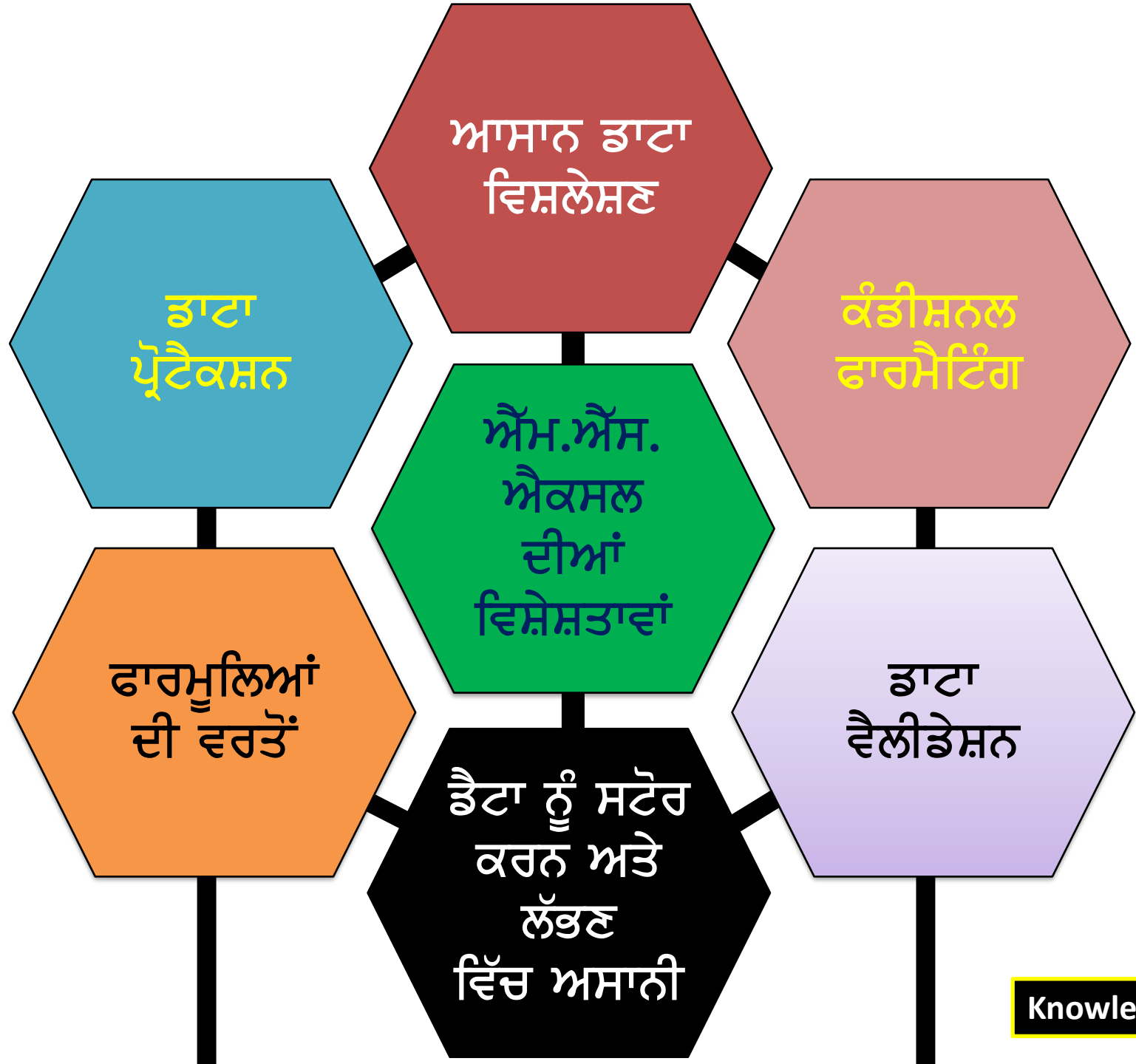
Knowledge Hub

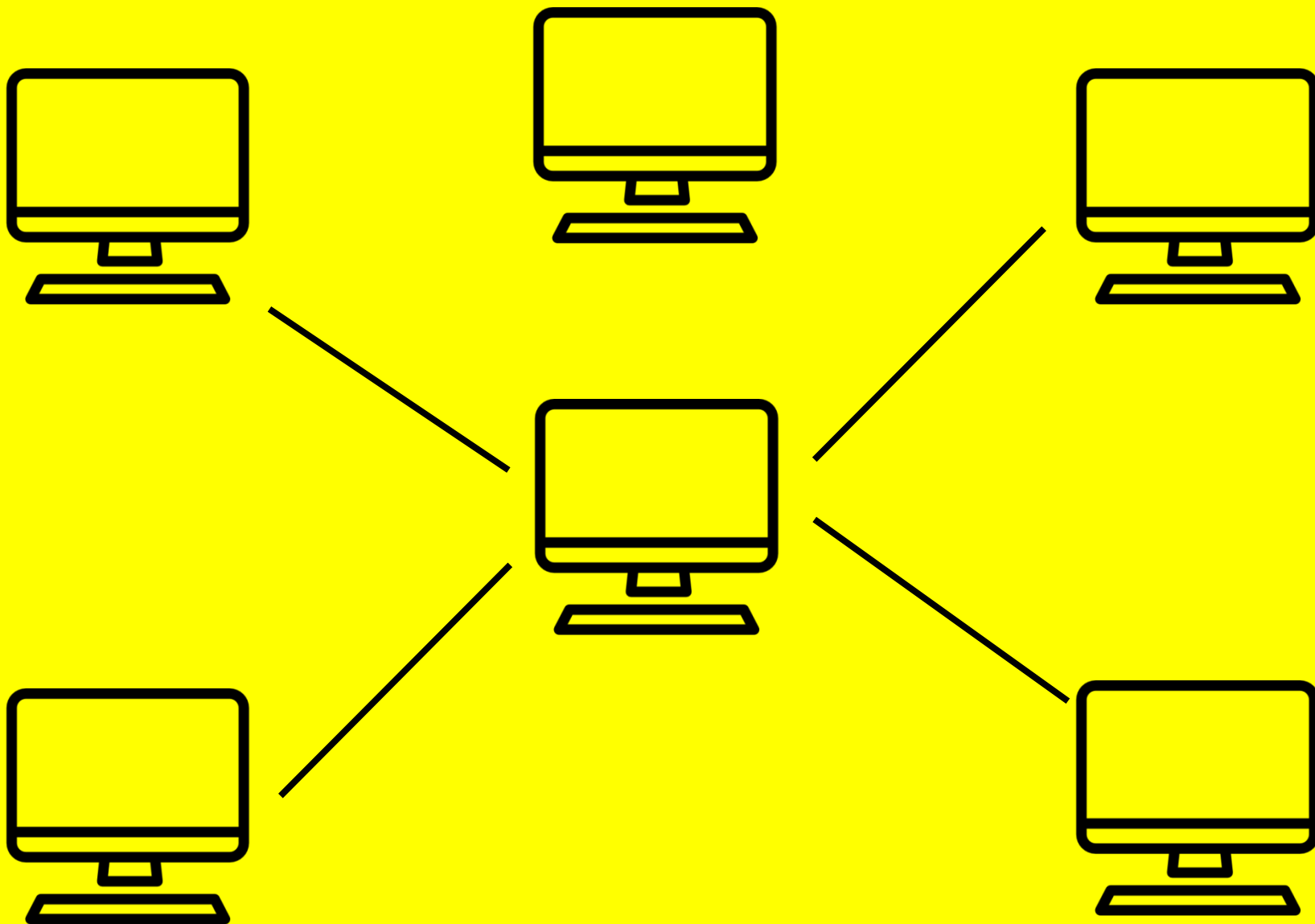
ਟੇਬਲ ਦੀ ਰਚਨਾ



The diagram shows a 3x4 table. The middle row is highlighted in green. The middle cell of the middle row is highlighted in red and contains the text 'ਸੈੱਲ' (Cell) in yellow. A green arrow points to the middle row from the left, labeled 'ਰੋਅ' (Row). A blue arrow points to the middle cell from the bottom, labeled 'ਕਾਲਮ' (Column).

		ਸੈੱਲ	





ਆਨਲਾਈਨ ਭੁਗਤਾਨ ਦੇ ਢੰਗ



ਕਰੈਡਿਟ
ਕਾਰਡ

ਡੈਬਿਟ
ਕਾਰਡ

ਈ-ਵਾਲੈਟ

ਨੈੱਟ
ਬੈਂਕਿੰਗ

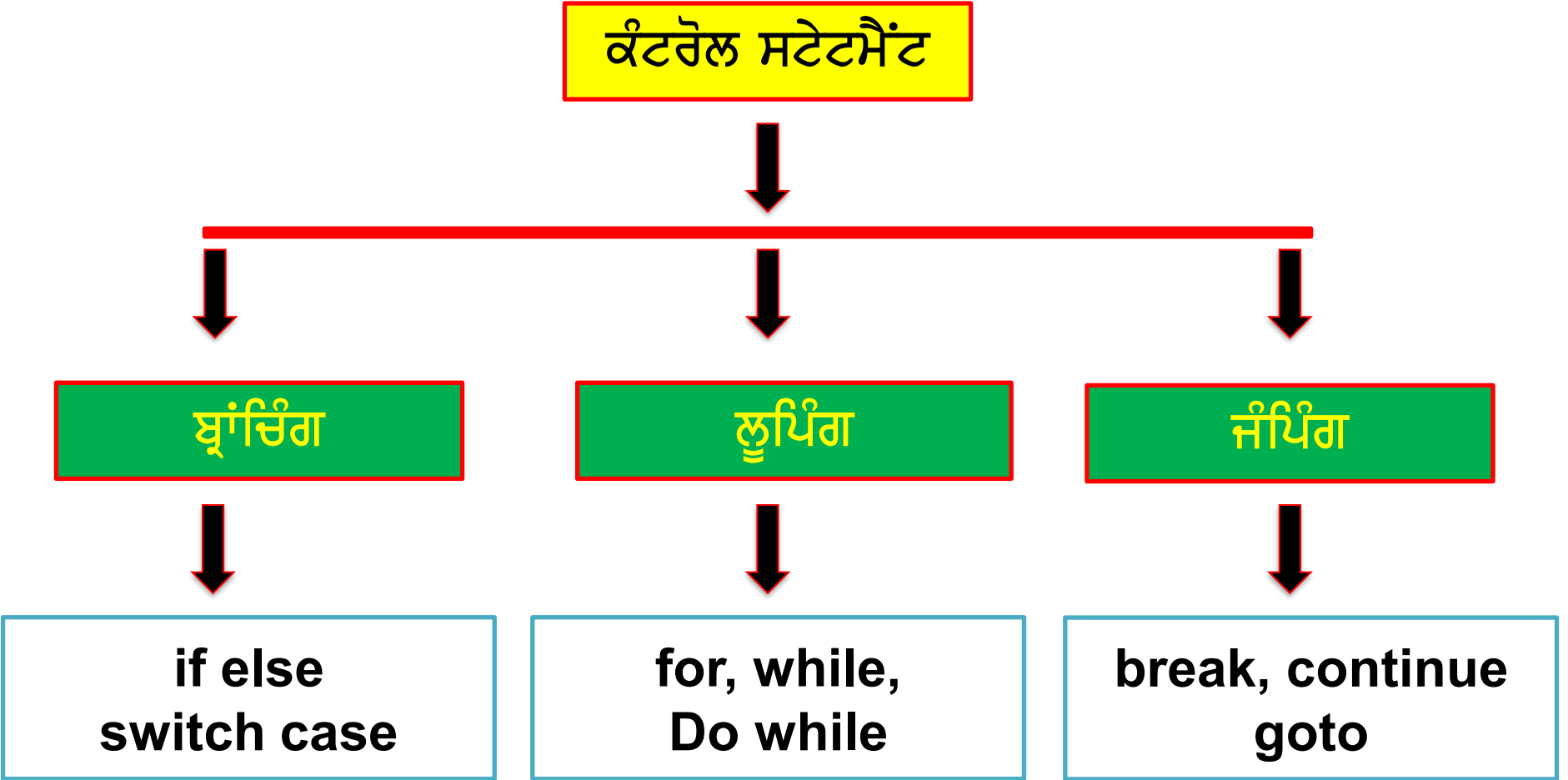
ਭੀਮ
ਐਪ

ਮੋਬਾਇਲ
ਬੈਂਕਿੰਗ



Knowledge Hub

ਕੰਟਰੋਲ ਸਟੇਟਮੈਂਟ



```
graph TD; A[ਕੰਟਰੋਲ ਸਟੇਟਮੈਂਟ] --> B[ਬ੍ਰਾਂਚਿੰਗ]; A --> C[ਲੂਪਿੰਗ]; A --> D[ਜੰਪਿੰਗ]; B --> E["if else<br/>switch case"]; C --> F["for, while,<br/>Do while"]; D --> G["break, continue<br/>goto"]
```

The diagram is a hierarchical flowchart. At the top is a yellow box with the text 'ਕੰਟਰੋਲ ਸਟੇਟਮੈਂਟ'. A thick black arrow points down from this box to a horizontal red line. From this line, three black arrows point down to three green boxes: 'ਬ੍ਰਾਂਚਿੰਗ', 'ਲੂਪਿੰਗ', and 'ਜੰਪਿੰਗ'. From each of these green boxes, a black arrow points down to a white box with a blue border. The white boxes contain the following text: 'if else switch case' (under ਬ੍ਰਾਂਚਿੰਗ), 'for, while, Do while' (under ਲੂਪਿੰਗ), and 'break, continue goto' (under ਜੰਪਿੰਗ).

ਬ੍ਰਾਂਚਿੰਗ

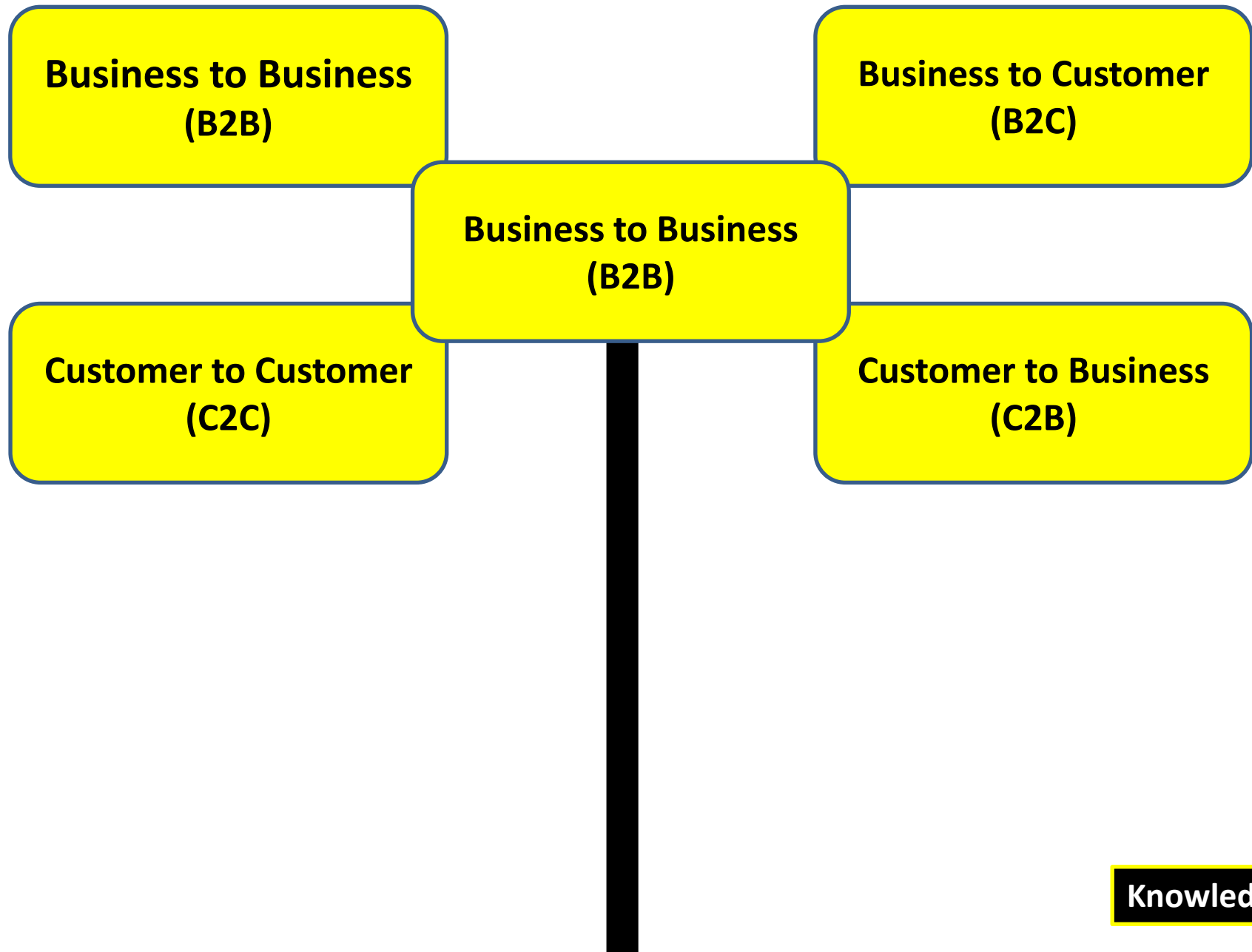
if else
switch case

ਲੂਪਿੰਗ

for, while,
Do while

ਜੰਪਿੰਗ

break, continue
goto



Hardware

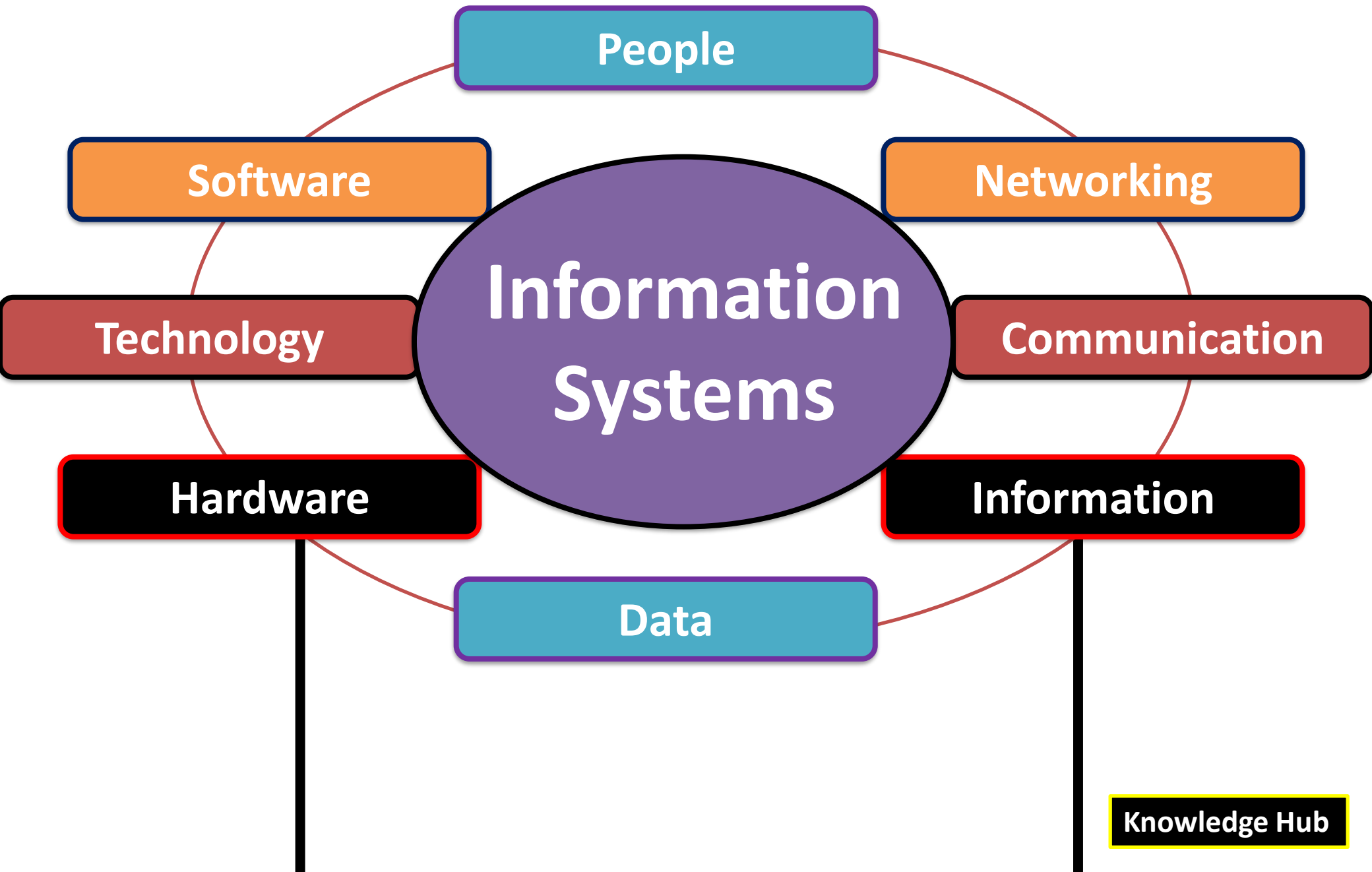
```
graph TD; Hardware[Hardware] --- Input[Input Devices]; Hardware --- Processing[Processing Device]; Hardware --- Output[Output Devices]; Hardware --- Storage[Storage Devices];
```

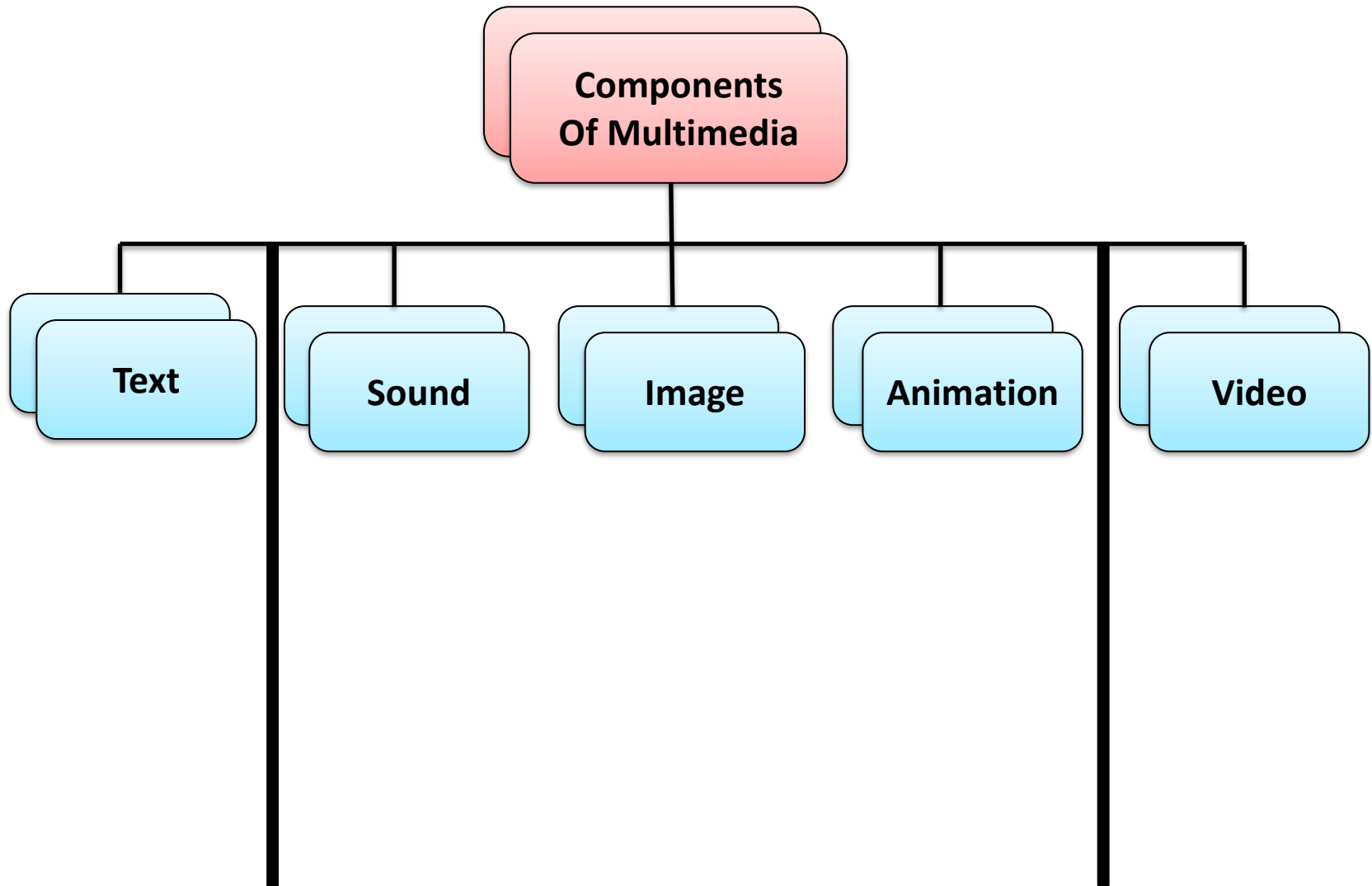
**Input
Devices**

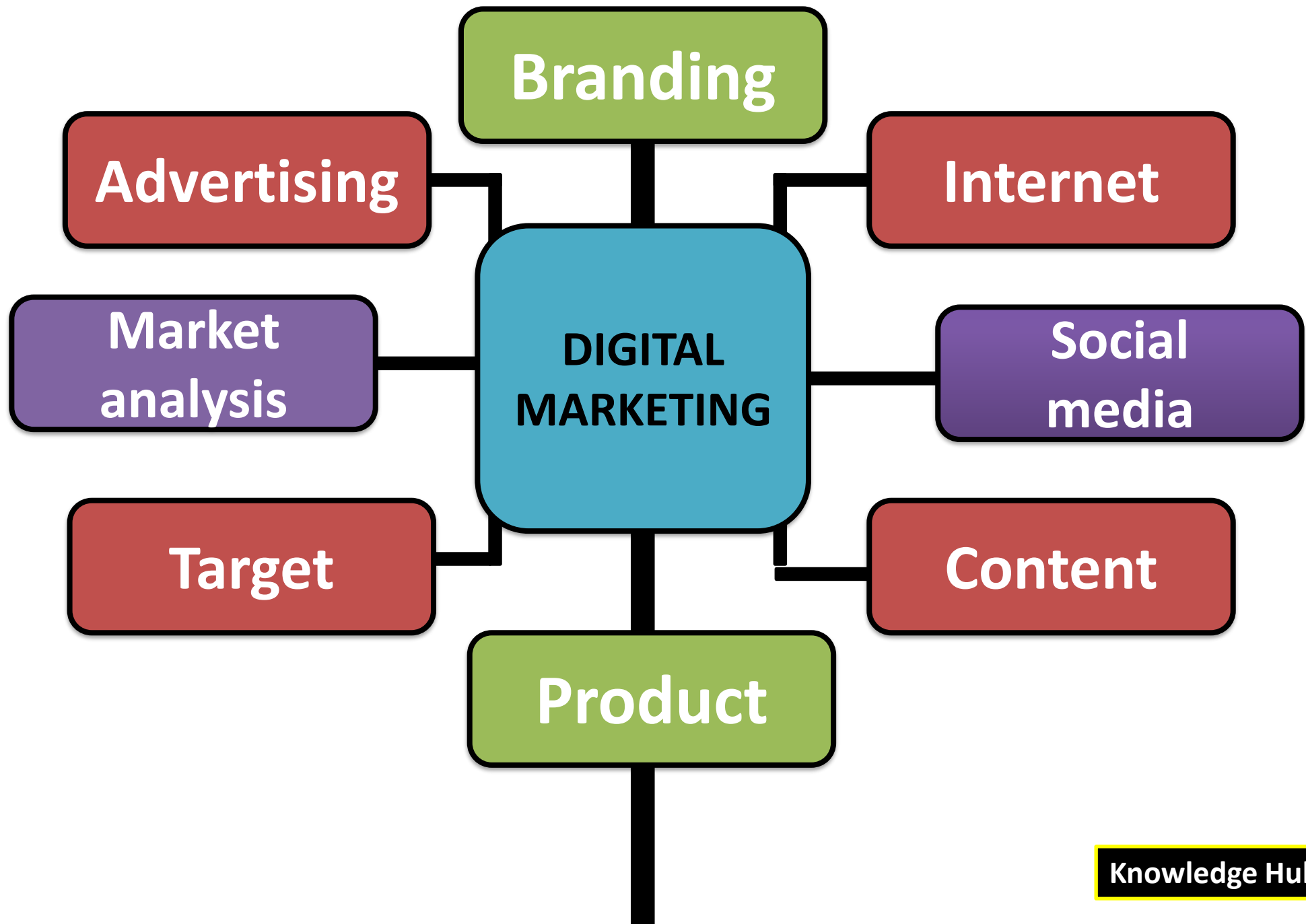
**Processing
Device**

**Output
Devices**

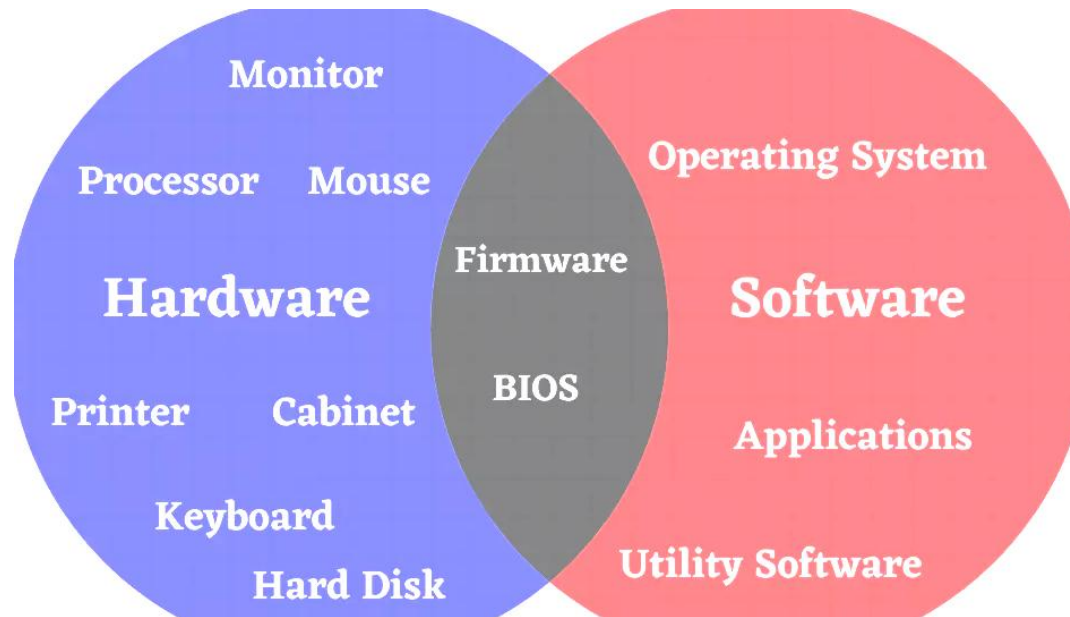
**Storage
Devices**







ਹਾਰਡਵੇਅਰ ਅਤੇ ਸਾਫ਼ਟਵੇਅਰ ਵਿੱਚ ਸਬੰਧ (Relationship Between Hardware and Software)



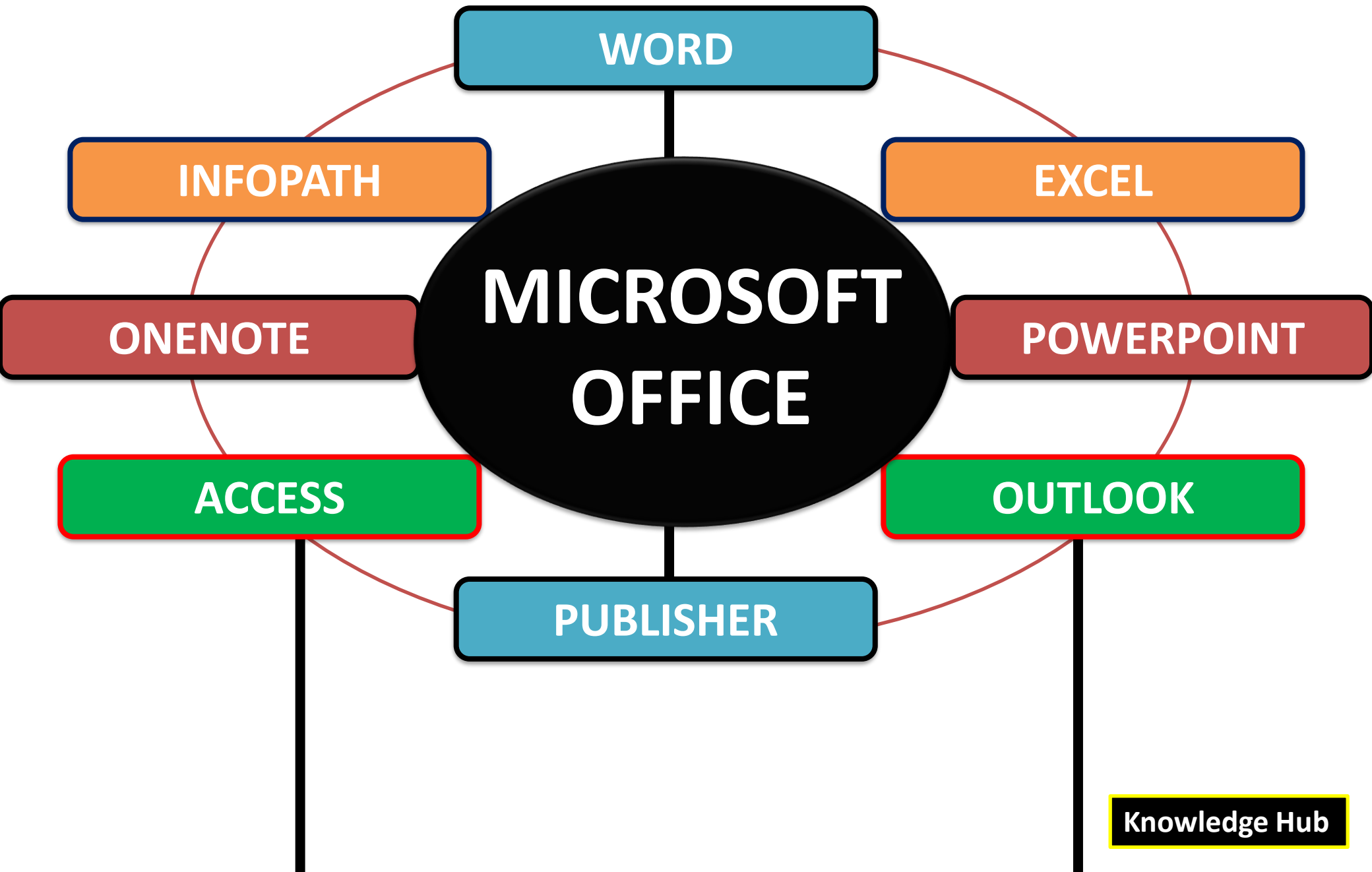
ਹਾਰਡਵੇਅਰ

+

ਸਾਫ਼ਟਵੇਅਰ

=

ਕੰਪਿਊਟਰ



AI Tools For Students

○ **ChatGPT**

○ **Fotor**

○ **Slidesgo**

○ **Adobe Express**

○ **Gemini**

○ **QuillBot**

○ **Grammarly**

○ **Stepwise Math**



Empower Your Studies