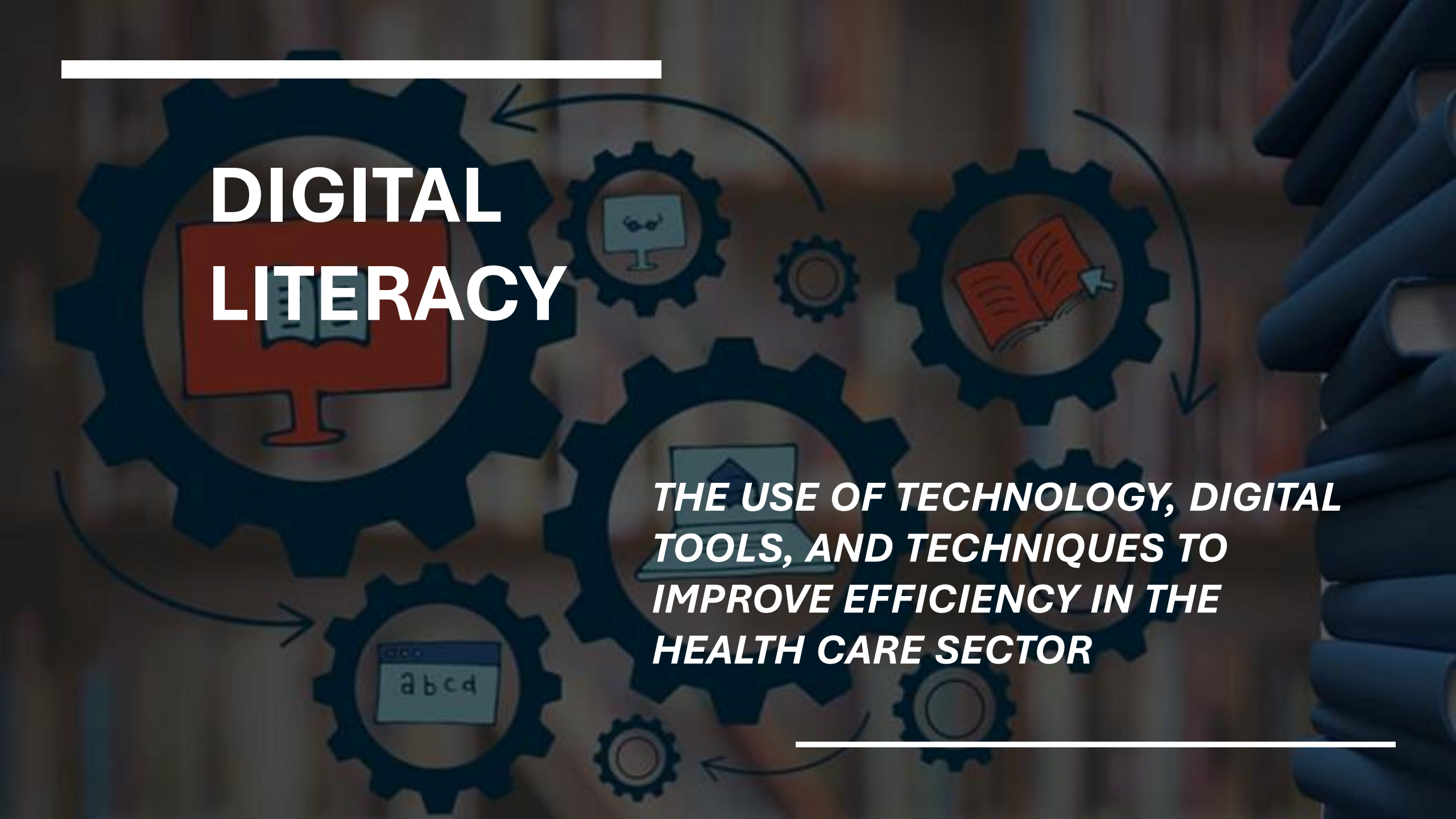

DIGITAL LITERACY



***THE USE OF TECHNOLOGY, DIGITAL
TOOLS, AND TECHNIQUES TO
IMPROVE EFFICIENCY IN THE
HEALTH CARE SECTOR***

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CONTENT

- *THE USE OF CONTEMPORARY TECHNOLOGY IN HEALTHCARE.*
- *THE USE OF TECHNOLOGY DURING THE COVID-19 PANDEMIC.*
- *THE USE OF DIGITAL COMMUNICATION, COLLABORATION, AND PARTICIPATION.*
- *THE USE OF DIGITAL LITERACY FOR EMPLOYEE WELL BEING AND THEIR PROFESSIONAL CAREER DEVELOPMENT.*
- *THE RELEVANCE OF TECHNICAL PROFICIENCY FOR DATA AND INFORMATION HANDLING.*

THE USE OF CONTEMPORARY TECHNOLOGY IN HEALTHCARE (DIAGNOSIS, ADMINISTRATIVE AND CARE SUPPORT)

There are various contemporary technologies used in healthcare, and include the following:

- *Artificial Intelligence*
- *Virtual Reality*
- *Blockchain*
- *Revolutionizing Development Drugs*
- *Healthcare Trackers Wearables And Sensors*



TECHNOLOGY IN COVID-19 PANDEMIC



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IOMT(INTERNET OF MANY THINGS)

- DISEASE DIAGNOSIS
- SMART PILLS
- DISEASE MONITORING
- IOT BUTTONS
- DISEASE MANAGERMENTS
- NHS COVID PASS

MACHINE TECHNOLOGIES



ROBOTS



DRONES



DRONES FOR DISINFECTING PLACES



BLUETOOTH AND GPS TECHNOLOGIES



Digital communication, collaboration and Participation

- **Digital communication**
 - Interaction with others through digital tools.
 - Sharing information
 - Properties of communication: sender, medium, receiver, sender-receiver reciprocity, communication chain etc. (Grewal et al. 2022).
-

Digital collaboration

- ❑ *Collaboration is the key component of teamwork or shared work. Collaborating with others through online communication refers to as digital collaboration (Birkeland et al. 2015).*
- ❑ *People, collaborative tools, devices, and storage of information are necessary elements of digital collaboration.*
- ❑ *Working with a team where members are in different places and collaborating through digital tools like online meetings or file-sharing groups is an example of digital collaboration.*



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Digital Participation

- ❑ *. Participating, facilitating and building an environment of communication in digital media*
- ❑ *refers to digital participation.*
- ❑ *Ensuring the participation of all is the challenge of digital communication (Seifert and Rössel, 2022).*
- ❑ *Digital literacy, access to devices and network coverage are some prerequisites of*
- ❑ *participation in digital communication.*



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Importance of Digital communication, collaboration and participation

unavoidable and considered a part of literacy named digital literacy.

Cost-friendly,

More accessible than traditional face-to-face communication (Riemer et al. 2019).

Sustainable mode of communication: proved resilience amidst the covid pandemic period.

Opens a new window of learning, business, and research.

MAIN COMPONENTS OF EFFICIENT DIGITAL WORKPLACE



PRODUCTIVITY
TOOLS



COLLABORATION
TOOLS



COMMUNICATION
TOOLS



BUSINESS
APPLICATIONS

**Use of Digital communication,
collaboration and participation in
workplace, business, academy and
research**

Digital literacy for employee well-being

Assess digital skills like e-learning

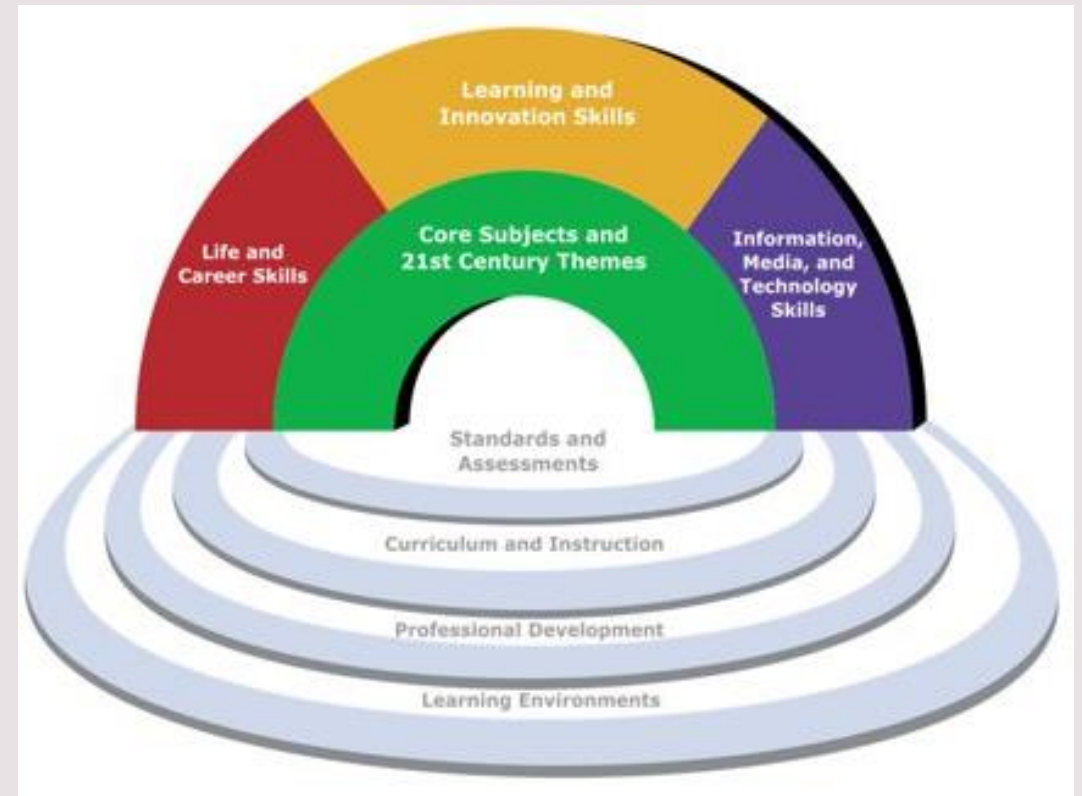
Training and ongoing support

Communication between value and support

Knowledge in technology such as CT scan

Knowledge about social media

Proper knowledge about internet platforms



Required skills for career development

1. Computer expertise
2. Data management skills
3. Data analysis skills
4. Increasing interpersonal skills such as employee to the customer (Patient)
5. Ensuring better customer support such as providing accurate information



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THANK YOU