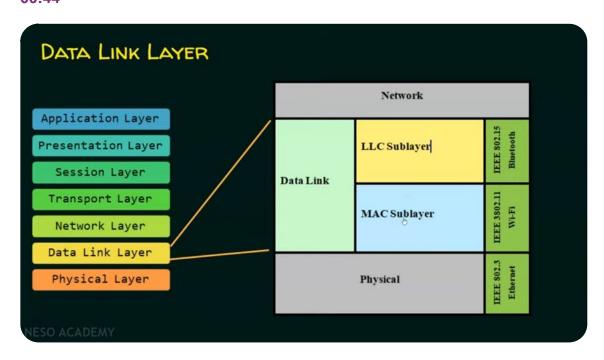
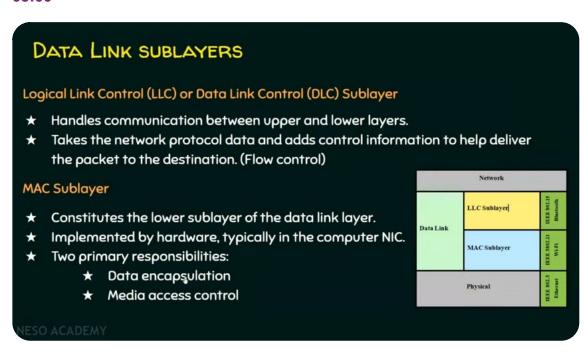
2 Sublayer of Data-Link layer are:-

00:44



03:00



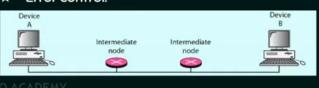
MAC SUBLAYER

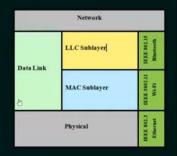
Data encapsulation

- ★ Frame assembly before transmission and frame disassembly upon reception of a frame.
- ★ MAC layer adds a header and trailer to the network layer PDU.

Provides three primary functions:

- ★ Framing.
- * Physical Addressing or MAC Addressing.
- ★ Error control.





05:22

MAC SUBLAYER

- ★ Responsible for the placement of frames on the media and the removal of frames from the media
- ★ Communicates directly with the physical layer.

Device A			Device B
	Intermediate node	Intermediate node	
	S	©	0

Network				
Data Link	LLC Sublayer	IEEE S02.15 Shetooth		
	MAC Sublayer	REE 3802.11		
	Physical	EEEE 802.3		

06:00

ACTIVITY TIME

Mention the sublayer that is responsible for the service shown in the table.

Service	Sublayer	
Flow Control	LLC or DLC	
Framing	MAC	

Physical Addressing	MAC	
Error Control	MAC	
Access Control	MAC	

IESO ACADEMY