# **Inside the Internet Backbone.**

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Age range 11+



This full color illustrated guide shows how the internet backbone works.

We start with the basics of how home users and companies with LAN's connect to internet service providers.

The purpose of Internet Exchange Points (IXP) and Content Delivery Networks (CDN) are described.

Illustrates routers and network switches, moving data through fiber optic cable and satellites.

Inside the internet backbone shows how data is broken up, into data packets.

This full-color, fully illustrated guide to the world of the internet backbone is ideal for computer science curriculums.

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# Inside the Internet Backbone

## Contents

Internet.	6
Internet Society.	8
Wireless Router.	10
Cable.	12
LAN.	14
POP.	16
IXP.	18
Web Server.	20
ISP.	22
CDN.	24
Companies.	26
Computer.	28
Communicate.	30
Backbones.	32
Satellite.	34
Satellite Communications.	36
Data Packets.	38
Metadata.	40
Packet Inspector.	42

#### Internet.

6

#### Internet

The Internet is a global network of computers interconnected through telephone lines, satellites and fiber optic cables.

#### Network

This network of computers, enables us to connect with any computer in the world wherever it may be located.



### London

A computer user in New York can easily access information stored on a computer in London, or their own country..

London

### WAN

The internet is the largest wide area network (WAN) in the world.