



➤ getting connected to the future of education ...

What is NEAL™?

NEAL™ is a high-speed fibre network linking North Shore schools together, to create an environment where schools can collaborate & share information, ideas & systems.

The Government's 'Digital Strategy' has identified that New Zealand is poorly served and uncompetitive when it comes to broadband provision, which has led to the development of the Ministry of Education's vision to create a National Educational Network on the back of the 'Broadband challenge'.

"e-Learning has the potential to transform the way we learn."

Steve Maharey, Minister of Education.

The Ministry of Education has recognized the need for new infrastructure that will support increased innovation and provide the ability to access the growing development of online teaching and educational tools (e-learning) available to schools. Schools need access to an information technology infrastructure including high levels of connectivity at an affordable price.

To provide this infrastructure, Vector Communications (in partnership with North Shore City Council) is building a fibre network delivering **real broadband** to North Shore schools.

The 'always on' nature of broadband allows schools and students to use the internet more easily as an everyday teaching, learning and research tool in the classroom.



How will NEAL benefit your school?

Ability to share & collaborate across North Shore Schools with;

- Shared video libraries
- Shared learning & object repositories
- Links to community resources such as North Shore libraries
- Links to other 'Loops' (eg. Nelson), KAREN and global communities.

Embrace innovative learning & education tools, enabling you to broaden your curriculum:

- Global knowledge bases
- Real-time video applications & high definition video-conferencing
- Professional development for teaching staff
- Online Learning Environment

Connecting to NEAL means connecting to the future of ICT; enabling your school to gain the most from the Government's 'Digital Strategy';

- Speeds of 1 Gbps upload & download
- Scalable to suit your systems & your needs as the demands of your school & students grow
- Simple & easy to connect Ethernet-standards based network, the same as your school's network
- Highest performance & reliability levels due to proven design methodologies.

Improve school management & create savings by taking advantage of;

- E-admin & student management systems
- Offsite data backup & storage / Disaster Recovery
- Voice over IP
- Hosted Exchanges
- Remote security systems

How will NEAL benefit your classroom?

Connecting to NEAL gives your students access to;

- Virtual classrooms & video tutorials (provide richer learning environments)
- Real-time collaborations with other schools on NEAL
- Online expert forums (access to field experts e.g. NIWA, NASA)
- Online content sources (libraries, heritage institutions, centralised databases) ... ultimately aimed at improving your student's achievement.

What happens next?

To get connected to NEAL, you will need to complete a 'Service Offer' agreement with Vector Communications. If you require a copy, contact us on the details below.

Services (e.g. Internet access, Voice over IP and off-site data storage) can be tailored to your school's individual needs and provided by your chosen Service Provider.

You can work with the NEAL Group, to identify and scope your needs with other NEAL schools, allowing you to gain combined purchasing power and greater access to the systems & services you need, e.g. Internet, Email & Filtering services.

For more information about NEAL, including technical specifications, please visit:

www.vectorcommunications.co.nz/NEAL

Vector Communications, is an independent owner, operator and wholesaler of open-access fibre-optic networks in Auckland and Wellington.

NEAL™
NORTH SHORE EDUCATION
& ACCESS LOOP

IN PARTNERSHIP WITH

