Lesson 4 Engineering Projects

A Circle.

1. Tunnels can now go under a large (height. / body of water.)
2. The Golden Gate Bridge has a (daily / height) of 227 meters.
3. The Channel Tunnel is the longest (width / underwater) tunnel.
4. (Underwater / Modern) bridges are often much longer than older ones.

B Read and write.

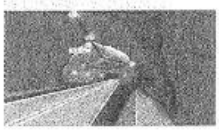
Skills Tip

Scan the reading for numbers and dates.

Tunnels and Bridges

The Laerdal Tunnel in Norway

The Laerdal Tunnel is the longest tunnel in the world for cars and trucks. It was started in 1995, and it was finished in 2000. The tunnel has a height of 9 meters, a width of 9 meters, and a length of 24.5 kilometers.



About one thousand cars and trucks go through the tunnel daily.

The Millau Bridge in France

The Millau Bridge is the tallest bridge in the world. It was started in 2001, and it was finished in 2004. The bridge has a height of 343 meters, a width of 32 meters, and a length of 2.46 kilometers. About twelve thousand cars and trucks go over the bridge daily.



1. What year was the Laerdal Tunnel finished?

_____

2. How many cars and trucks go over the Millau Bridge daily?

_____

3. What is the height of the Millau Bridge?

_____

LIVEWORKSHEETS

C Write.

1. Which was started first, the Laerdal Tunnel or the Millau Bridge?

2. What country is the Laerdal Tunnel in?

3. How many years did it take to build the Millau Bridge?

D Fill in the chart. Then write.

	Construction started	Construction finished	Height	Width	Length	Daily use
Laerdal Tunnel	1995					
Millau Bridge						

1. Which is newer, the Laerdal Tunnel or the Millau Bridge?

2. Which is longer, the Laerdal Tunnel or the Millau Bridge?

3. Which has more daily use, the Laerdal Tunnel or the Millau Bridge?

E Think and write.

Some tunnels go through mountains. Some roads go over mountains. Do you think it's better to build a tunnel through a mountain or a road over a mountain? Why?

LIVEWORKSHEETS