
BRIDGES
Alan Trussell-Cullen
BRIDGES
THOMSON
NELSON
Fast FORWARD
© 2006 Thomson Learning
Fast FORWARD

For teachers' inspection ONLY

Bridges

Running Words

237

Text Type

Report

Curriculum Link

Science – Science and Society

Vocabulary

arches, beams, bridges, cross, disasters, earthquake, old, ropes, safe, strong, suspension, trusses

Teaching Notes

Phonological Awareness

-ig (p. 12): big, dig, fig, gig, jig, pig, rig, twig, wig

-ong (p. 6): belong, dong, gong, long, song, strong, thong, tongs, wrong

-eam (p. 10): beam, dream, gleam, ream, seam, steam, team

High Frequency Words

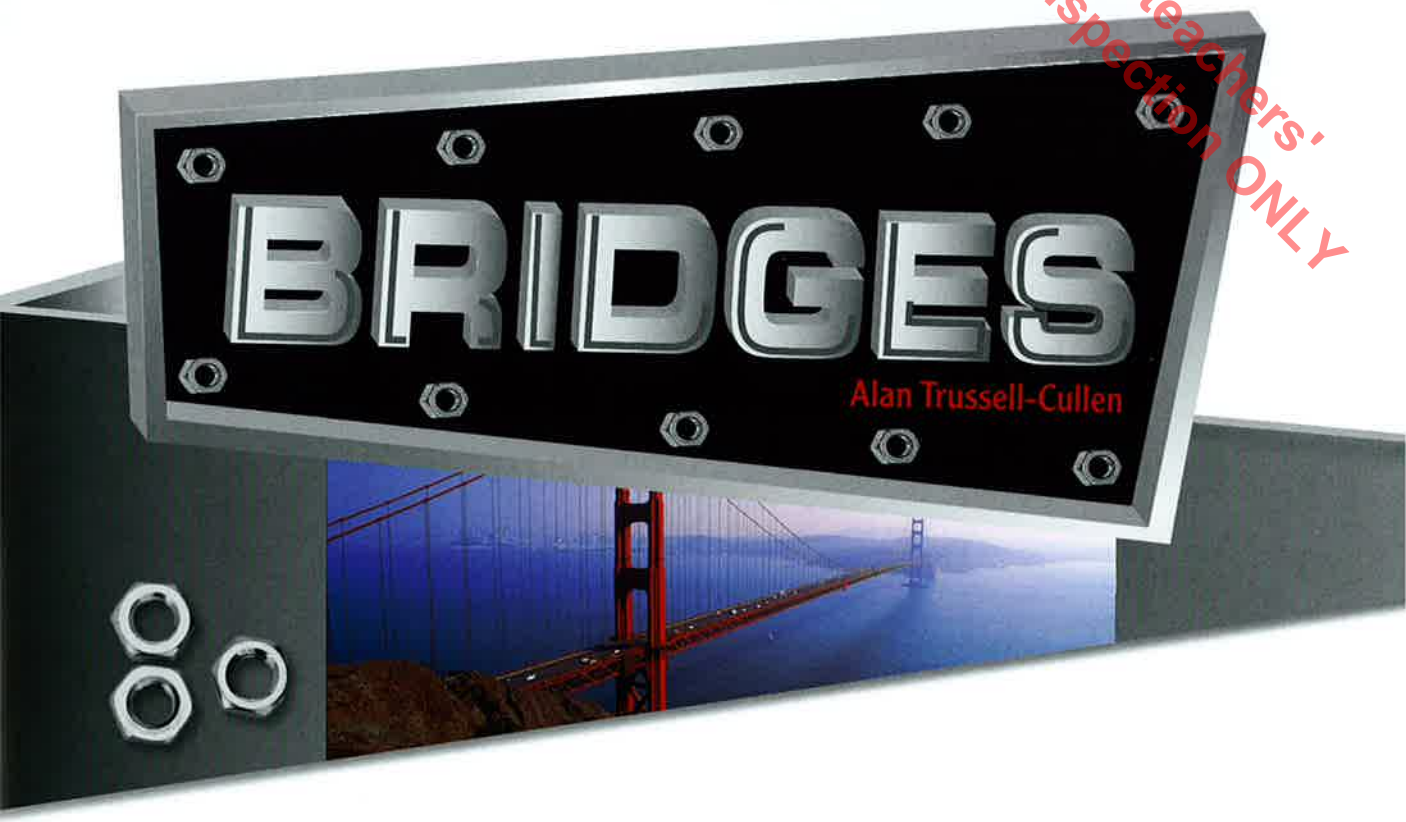
down, hold, make, people, there, this, very, way

Linking Visual and Written

As there are no captions for some of the photographs, make sure the students look at the pictures on each page before turning to the next one.

Draw students' attention to text such as 'This is a very new bridge.' (p. 4) Make sure they understand that the word 'this' refers to the picture and instructs the reader to look at the pictures on that page to gather meaning from the text.

For teachers' inspection ONLY



Contents

Chapter 1	Bridges	4
Chapter 2	Safe and Strong	6
Chapter 3	Arch Bridges	8
Chapter 4	Beam Bridges	10
Chapter 5	Suspension Bridges	12
Chapter 6	Bridge Disasters	14
Glossary and Index		16

Chapter 1

BRIDGES

For teachers' inspection ONLY

People have been making bridges for thousands of years.

This is a very old bridge.



This is a very new bridge.

For teachers' inspection ONLY

Bridges help people cross over water.



Bridges help people cross over land.



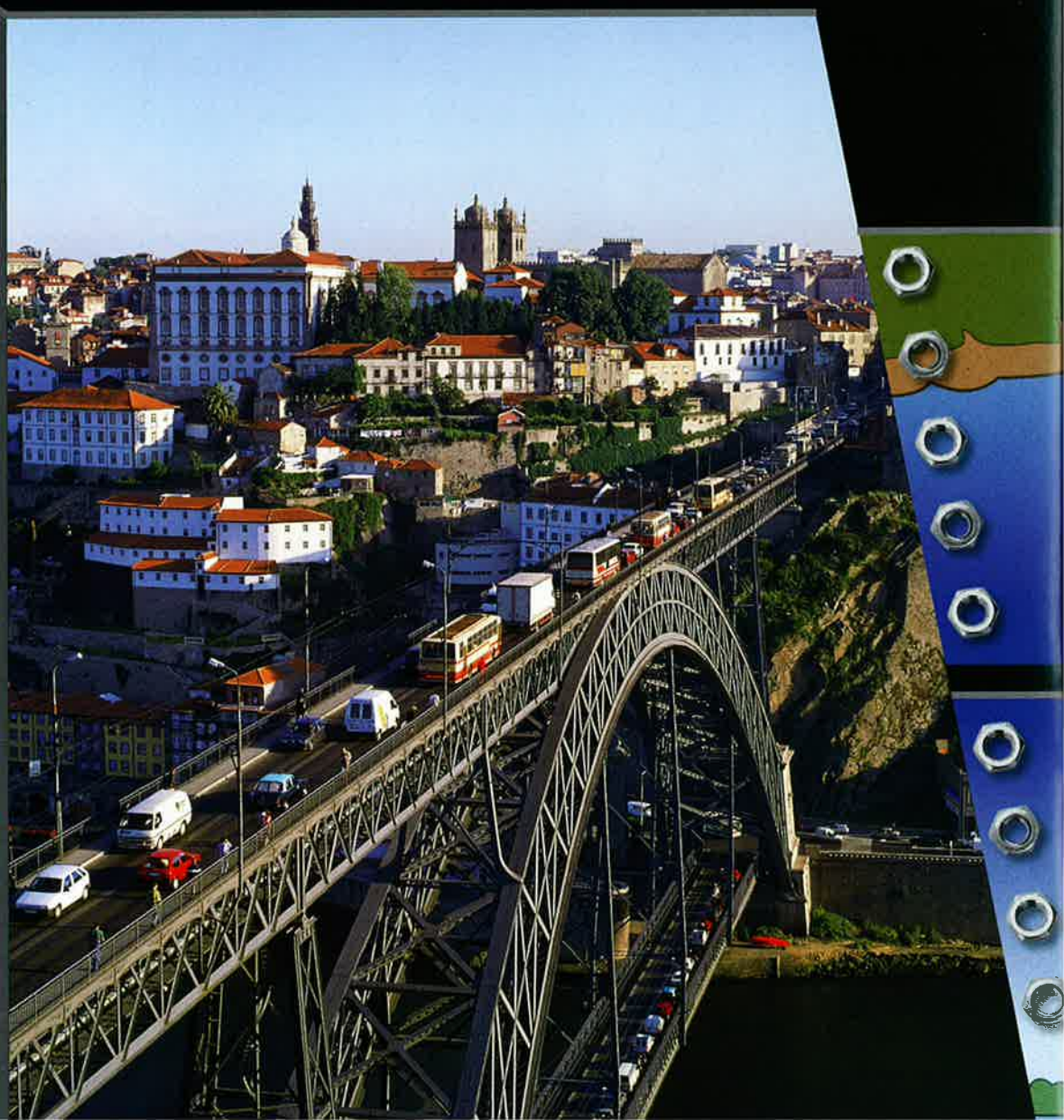
Chapter 2

SAFE AND STRONG

For teachers' inspection ONLY

There are a lot of cars, buses and people on this bridge.

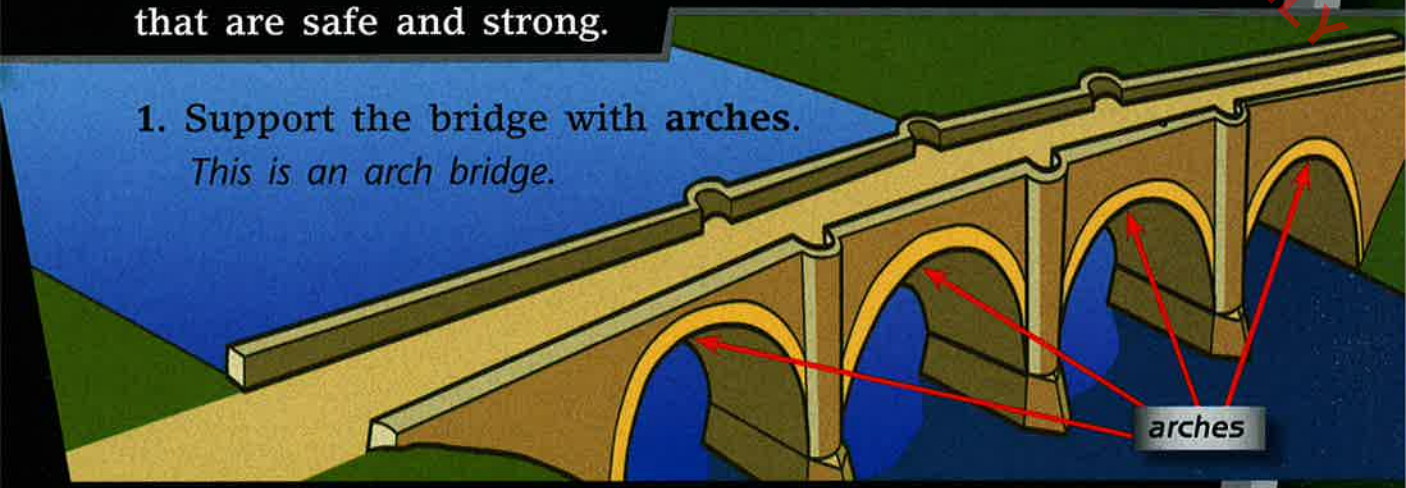
Bridges must be safe.
They must be very strong to support
all the cars, buses and people.



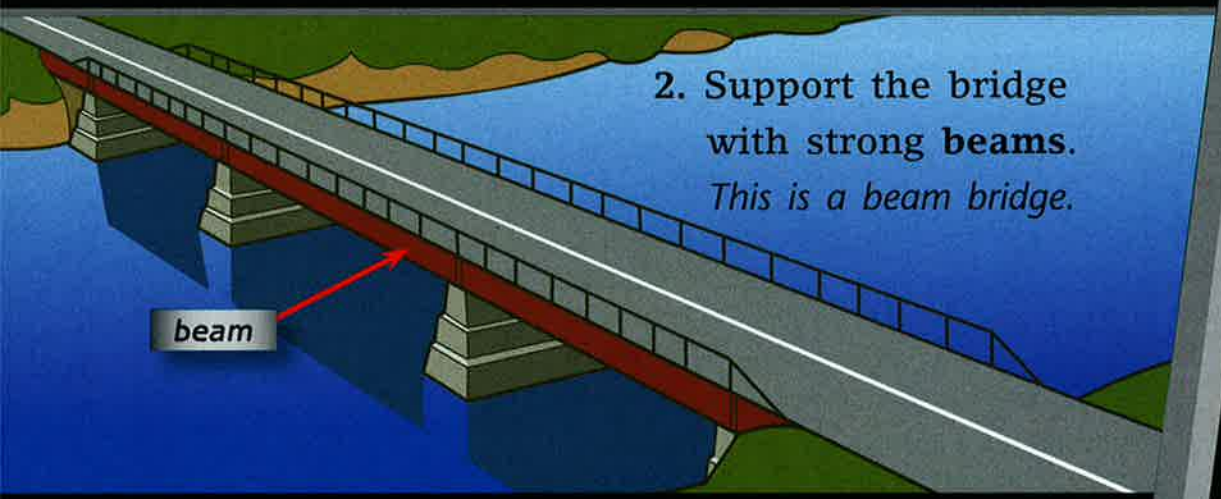
For teachers' inspection ONLY

There are three good ways to make bridges that are safe and strong.

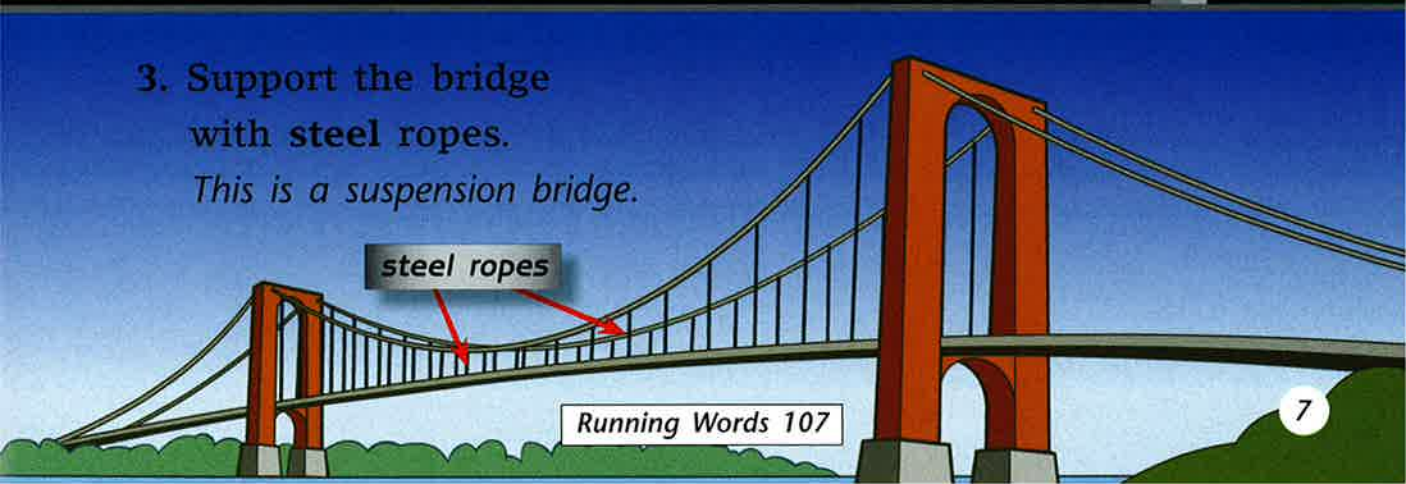
1. Support the bridge with **arches**.
This is an arch bridge.



2. Support the bridge with strong **beams**.
This is a beam bridge.



3. Support the bridge with **steel** ropes.
This is a suspension bridge.



Running Words 107

Chapter 3

ARCH BRIDGES

For teachers' inspection ONLY

This is what an arch looks like.
An arch is very strong.



This is a very old arch bridge.

