EARTHQUAKES AND TSUNAMIS

PRE-ELEMENTARY SCHOOL TEXTBOOK

SERVICIO HIDROGRAFICO Y OCEANOGRÁFICO DE LA ARMADA DE CHILE
INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
INTERNATIONAL TSUNAMI INFORMATION CENTER
ABOUT THE TEXTBOOK

This book is the result of both the implementation of Recommendation ITSU-XIII.3 of the Thirteenth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, and the work of several education experts. An ad-hoc Working Group headed by H. Gorziglia (Chile), revised the work done by the experts who were partially funded by the Intergovernmental Oceanographic Commission.

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CHAPTER I
SHAPES AND MOVEMENTS OF THE WATER
¡Hello! Here we are...

Johnny Shaking and Tommy Tsumi
Dress with the national costume and color.
SHAPES AND MOVEMENTS OF THE WATER

— Color the water
MOVEMENTS OF THE WATER

Join the traces of waves.
MOVEMENTS
OF THE WATER

Join the dots to show the waves.
USEFULNESS OF WATER

- Describe the drawings
- Tell experiences
- Color
- Cut out the pictures at the bottom of the page.
- Stick permeable elements under umbrella.
- Stick waterproof elements on the umbrella.
- Cut out the pictures at the right of the page.

- Stick floating elements on the sailboat.

- Stick non-floating elements under sailboat.
CHAPTER III

LIFE STYLES AT DIFFERENT SETTINGS
- Mark the way of each animal to reach home.
- Look for the shortest way to the hill.

... if you are at the beach
... if you are at the school
Mark the shortest way to reach the hill.
- Invent a tale about Johnny Shaking.
- Put the drawings in order.
METEOROLOGICAL PHENOMENA
TALE: "THE VAIN MOUSE".

- Cut out and order the drawings in a logical sequence.
When traveling by sea, swimming fishes are seen if I go sailing what shall I take...?

When I travel through the sea by ship, sailboat or motorboard I can navigate. With the merry-go-round of the waves I move endlessly.
How good is to enjoy a nice walk in the country riding a horse, but I could be late. What shall I take to arrive sooner...?

By car I can reach everywhere.

If I take a... I could be late, I can use a bike, a skateboard or simply walk, and up to the top of the hill, in time I will arrive.
DRAWING N° 17
CHAPTER V
HAZARDS PREVENTION
IF YOU ARE AT HOME...
Cut out the pictures and stick the safe locations inside the house
IF YOU ARE AT THE SCHOOL...

Cut out the pictures and stick the safe locations on the teacher’s blackboard.
- Do not ignore the announcements of a tsunami.

- Join dashes to show the tsunami.

- Circle with a colored pencil the children who are reacting correctly.
- Mark with a colored pencil the shortest way from the school to the hill.

- Color the tsunami waves.
Here we say... Good-Bye!!

Johnny Shaking and Tommy Tsunami