

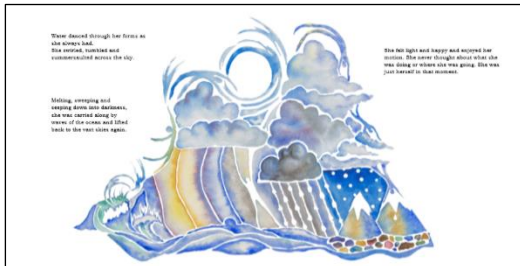
When Water Lost Her Way

General Extension Questions Water & Life

Predicting:

What do you think the story will be about?

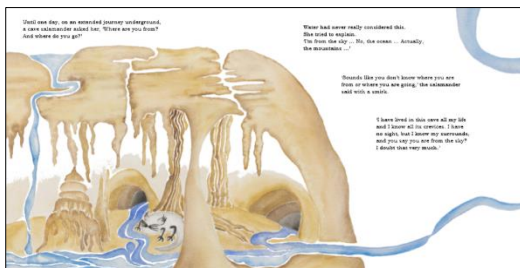
How would you draw or represent water in a story?



The Water Cycle

What are the three different forms that Water change between?

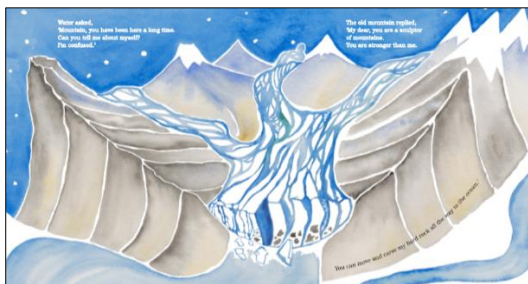
Can you identify where they are on the illustration?



The Cave Salamander

How has the salamander adapted to live in the cave environment?

What do you think the cave salamander represents in the story?

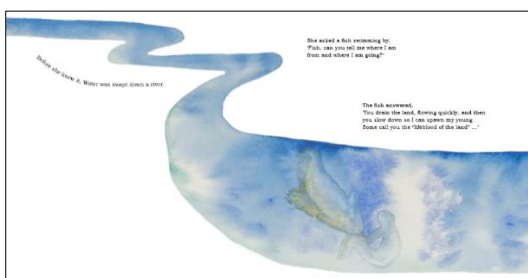


Mountain

Is the mountain a 'living thing'?

How is Water a 'sculptor of mountains'? Can you describe this process?

How can Water be stronger than a mountain?

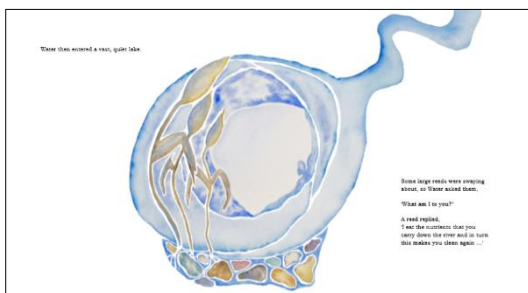


River

Is a fish a living thing?

How does the fish need Water to survive?

What do you think the fish means in saying that some call (Water) the "lifeflood of the land"...?



Lake

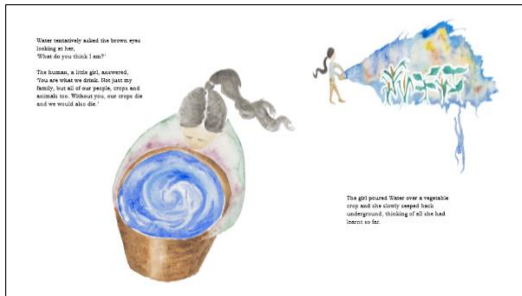
Is a reed a 'living thing'?

How does the reed remove the nutrients from Water?

Why would it need to do this?

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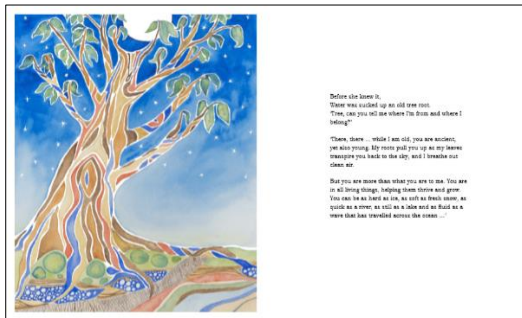


Water and the little girl

Why do crops and animals need Water?

Why do people need water? What are all the ways we use water?

What are some of the challenges we face from our reliance on water?



Old Tree

Is the old tree a 'living thing'?

How does the old tree take Water up from the ground? Can you describe the process?

How does the tree need Water to survive? Investigate the different adaptations that plants make when the water is limited or plentiful in the environment.

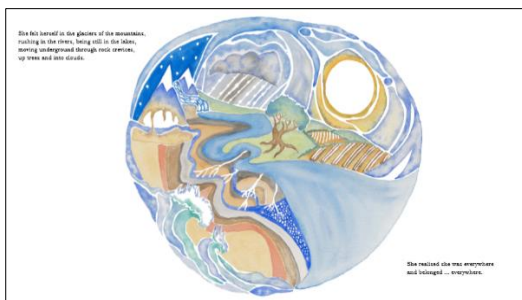


Transpiration

How is Water released from the old tree?

Can you describe the process?

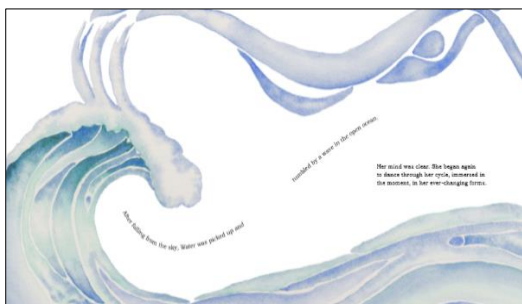
Why do trees and plants release water vapour from their leaves? (hint: see the author's note)



The Water Cycle

Is most of the water likely to be fresh or saline in the image? (refer to the last page of the book).

What implications does this have for management of our water supplies?



The Ocean

What living things live in the marine environment?

What are the threats or impacts on the marine environment that can cause harm to marine life?

What has Water learnt about herself throughout the story?

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Links to the Australian Curriculum/Victorian Curriculum

Year	Aust. Curriculum/Victorian Curriculum- Science Understanding/Earth & Space Sciences	Aust. Curriculum/Victorian Curriculum Science as a Human endeavour
Foundation	Living things have basic needs, including food and water ACSSU002 / VCSSU042 Living things grow, change and have offspring similar to themselves VCSSU043	People use science in their daily lives VCSSU041
Year 1	Living things have a variety of external features ACSSU017 / VCSSU042 Living things live in different places where their needs are met ACSSU211	People use science in their daily lives, including when caring for their environment and living things ACSHE022 / VCSSU041
Year 2	Earth's resources are used in a variety of ways ACSSU032 / VCSSU047	People use science in their daily lives, including when caring for their environment and living things ACSHE035 / VCSSU041
Year 3	Living things can be grouped on the basis of observable features and can be distinguished from non-living things ACSSU044 / VCSSU057	Science knowledge helps people to understand the effect of their actions ACSHE051 / VCSSU056
Year 4	Living things depend on each other and the environment to survive ACSSU073 / VCSSU058	Science knowledge helps people to understand the effect of their actions ACSHE062 / VCSSU056
Year 5	Living things have structural features and adaptations that help them to survive in their environment ACSSU043 / VCSSU074	Scientific knowledge is used to solve problems and inform personal and community decisions ACSHE083 / VCSSU073
Year 6	The growth and survival of living things are affected by physical conditions of their environment ACSSU094 / VCSSU075	Scientific knowledge is used to solve problems and inform personal and community decisions ACSHE100 / VCSSU073

Note: text descriptions are based on the Australian curriculum in the first instance and linked to the corresponding Victorian curriculum code where appropriate. Therefore, the exact description of the Victorian curriculum codes may differ slightly from those written above.