

ANSWERS

Curriculum Area: Science Level 3 & 4	Strand: Planet Earth and Beyond	Background Page: Wetlands of Ō Tū Wharekai
Achievement Aims:	<u>Earth Systems - Levels 3-4: Appreciate that water, air, rocks and soil, and life forms make up our planet and recognise that these are also Earth's resources.</u>	

Look at the pictures of this ephemeral tarn and answer the questions.

1



2



3



4



1. Compare the photos.
 - a) What are the main differences? Answers should refer to the landscape and mention things like flowers, snow/no snow, water/no water etc.
 - b) What has caused this change? The change of seasons/weather.
 - c) What other differences can you see? Answers will vary

2. For each photo, say what season you think it is, what happens to the water and why.

1) Summer – water dries up because of heat/lack of rain.

2) Autumn – some snow on the mountains, increase in rain has created a lake/cooler weather has meant that rain does not evaporate as much therefore a lake has formed.

3) Spring – flowers have absorbed some water – temperature has increased therefore drying the rain/not as much rainfall.

4) Winter – lake has frozen. All rain is now snow.

3. If you were a wetland animal, which photo would you prefer to live in? Why?

Answers will vary