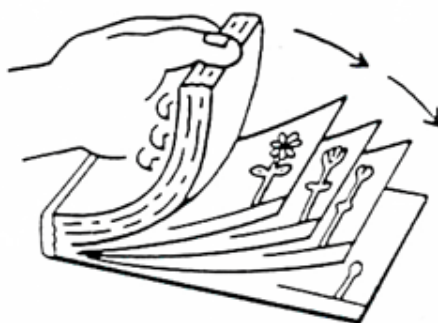




LIFECHARCOS

O FlipBook dos Charcos Temporários



Como Funcionam os Charcos Temporários:

Os Charcos Temporários apresentam um ciclo anual, que é regulado pelo ano hidrológico e que condiciona o estabelecimento de plantas e animais. Assim, a água acumula-se nos charcos com as primeiras chuvas e as plantas e os animais iniciam novamente o seu desenvolvimento e colonização. De forma a adaptar-se, a grande maioria das plantas e alguns animais (ex.: grandes branquiópodes) sobrevivem ao período seco através das sementes e cistos. Outras espécies, como por exemplo os anfíbios, colonizam os charcos apenas na fase de inundação e utilizam-nos como locais de eleição para a reprodução.

A presença de água durante parte do ano impede o estabelecimento de espécies terrestres, e por outro lado a existência de uma fase seca evita que estas zonas húmidas sejam colonizadas por verdadeiros organismos aquáticos (ex.: peixes, lagostins e nenúfares).

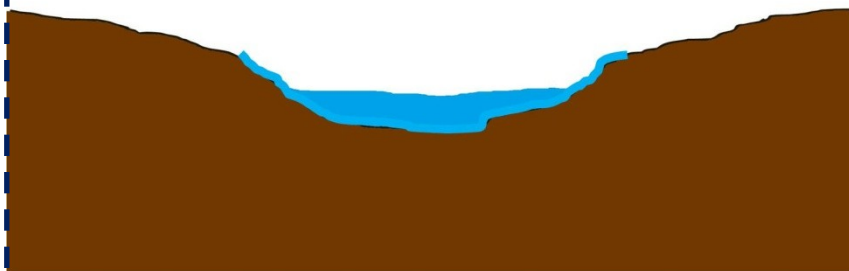
Instruções:

Nas páginas seguintes encontram-se algumas ilustrações com as características físicas dos Charcos Temporários. Faltam as características biológicas. O objetivo é que os alunos desenhem sobre estas ilustrações algumas plantas e animais nas estações do ano em que estão presentes no habitat.

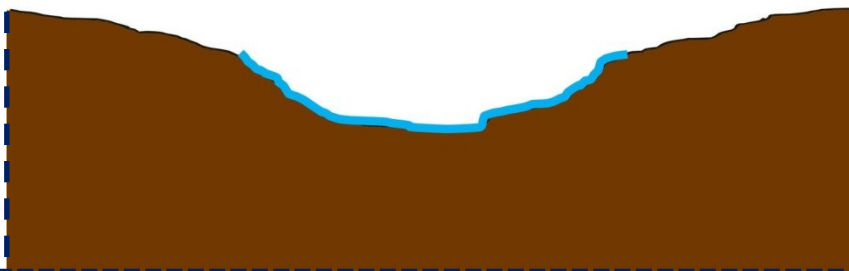
Quando as ilustrações dos alunos estiverem completas, as folhas devem ser recortadas e agrafadas de forma a fazer um pequeno livro. De seguida, é possível *flippar* o livro e observar toda a dinâmica dos charcos temporários, num período de um ano, como ilustra a imagem desta capa.

Para melhores resultados, é possível juntar mais do que um *flipbook* de alunos diferentes e assim ilustrar a dinâmica dos Charcos Temporários em vários anos.

Verão 01



Verão 02



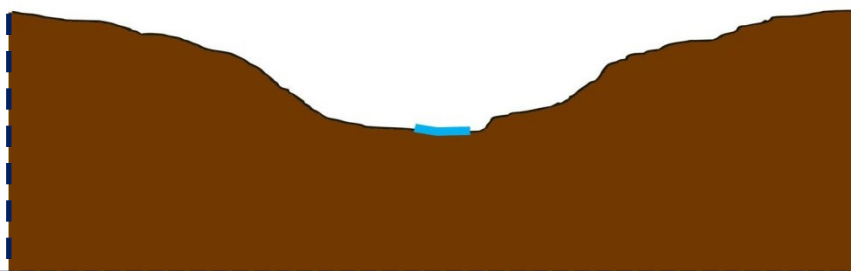
Verão 03



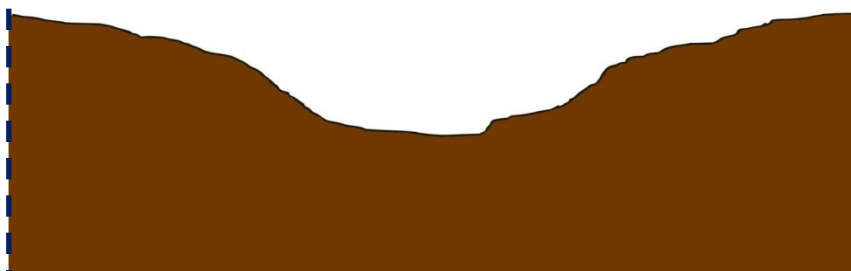
Verão 04



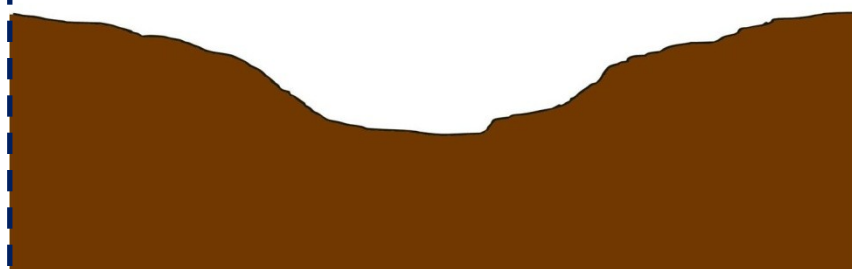
Verão 05



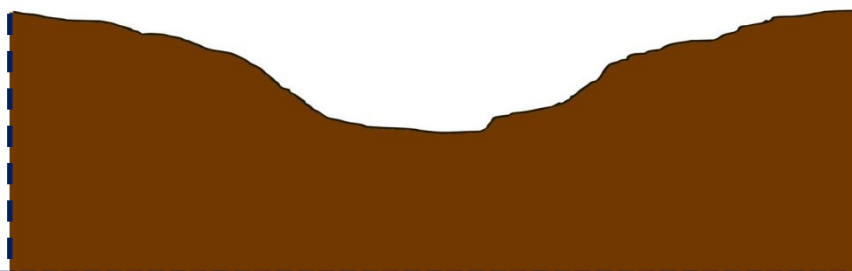
Verão 06



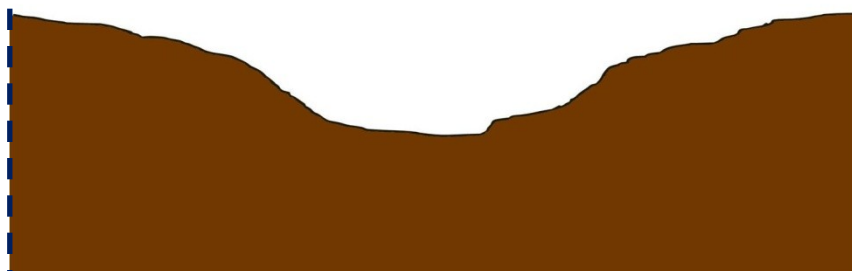
Verão 07



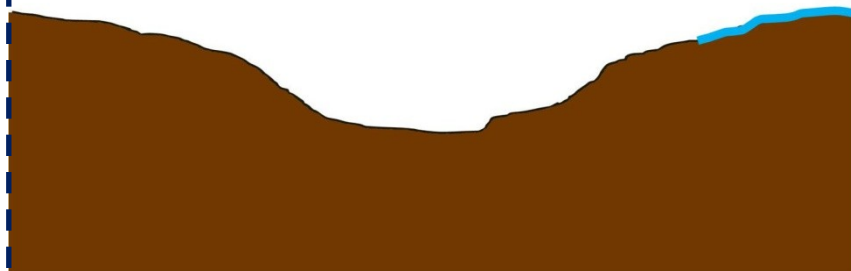
Verão 08



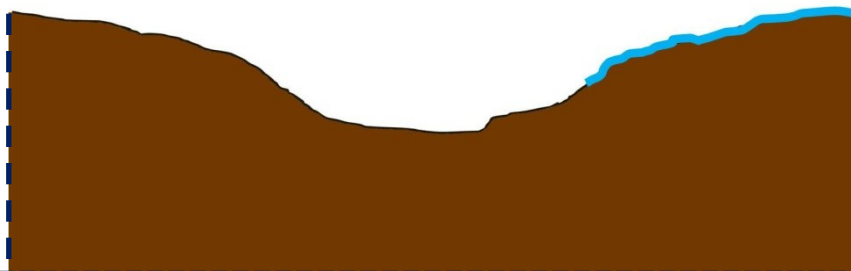
Verão 09



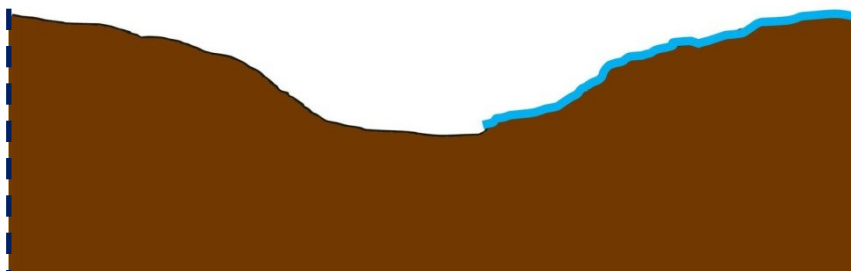
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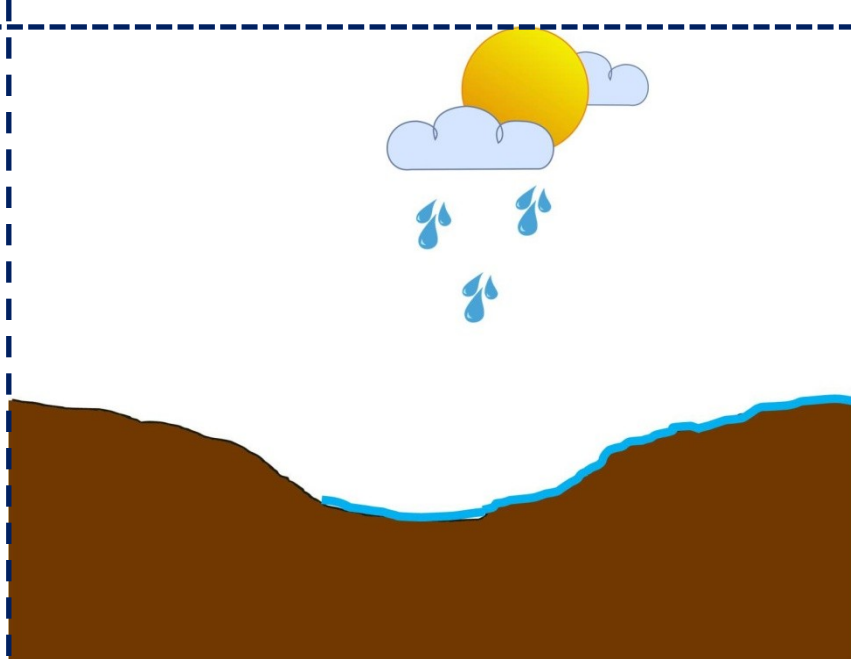
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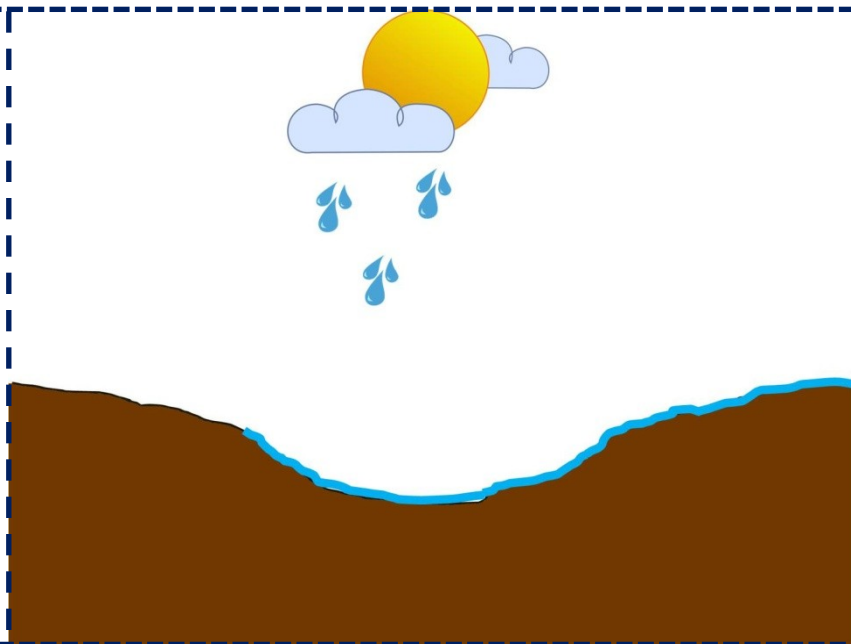
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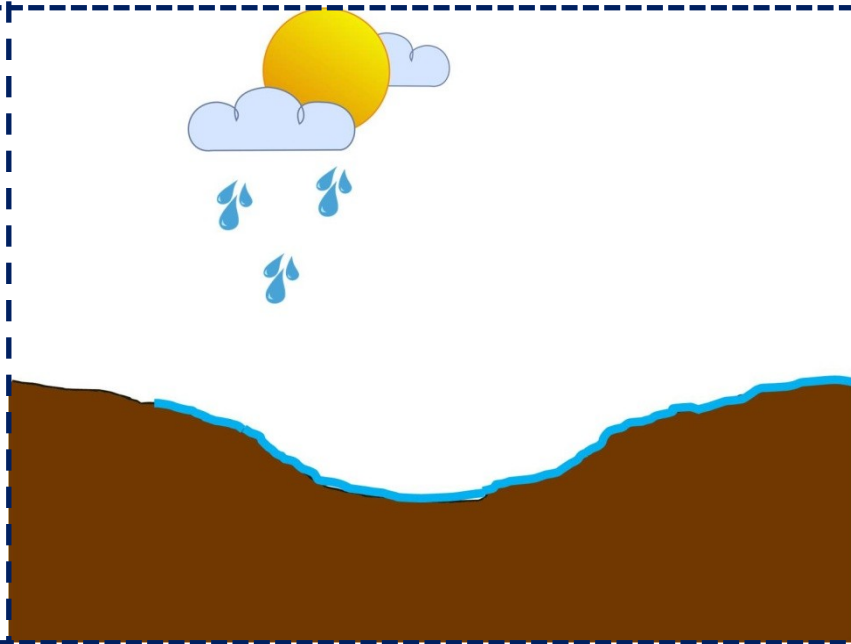
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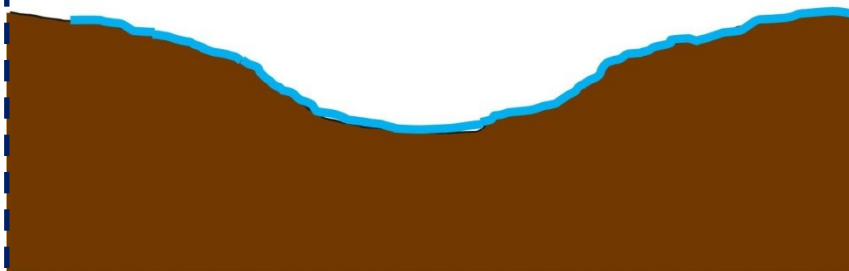
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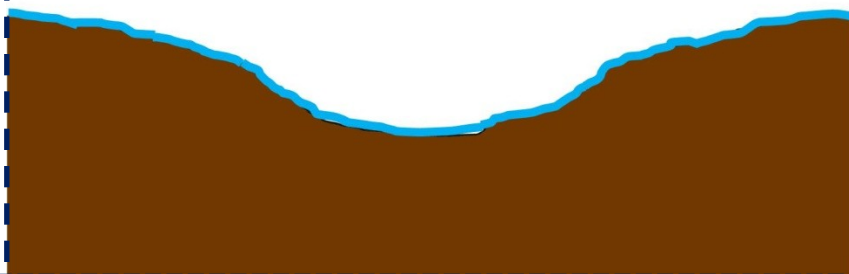
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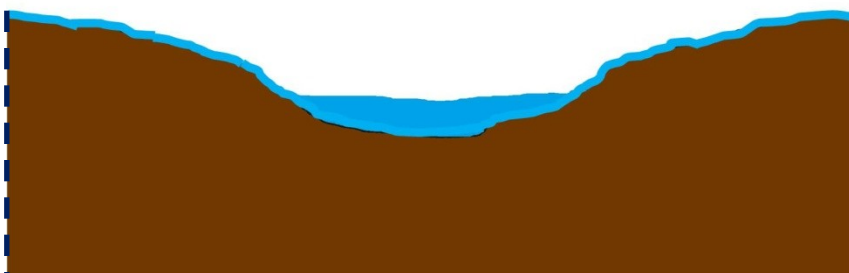
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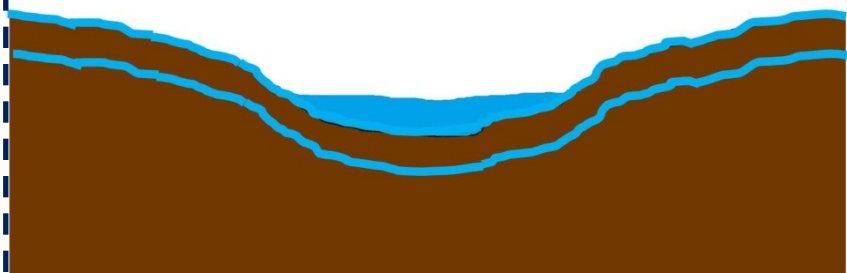
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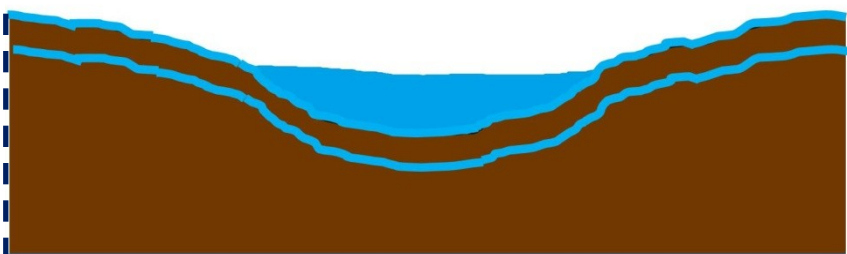
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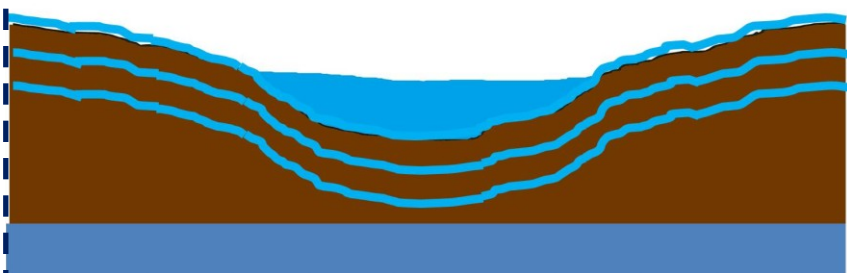
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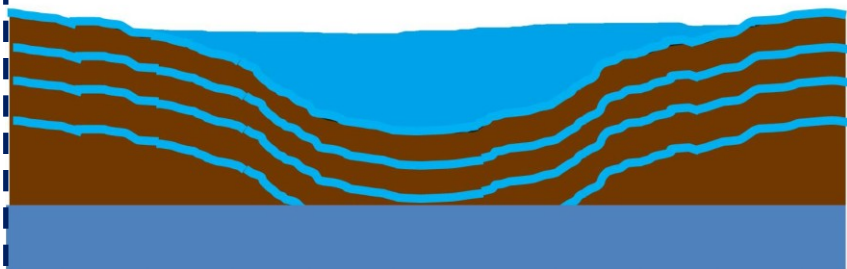
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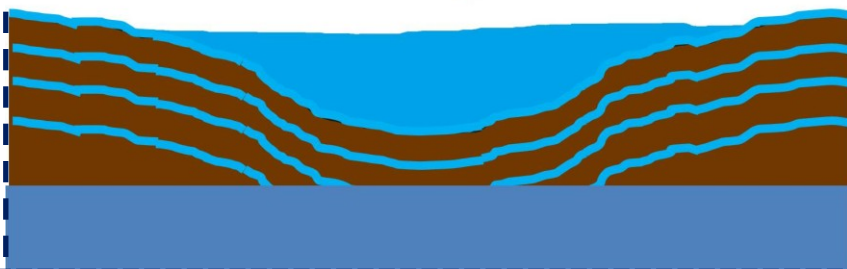
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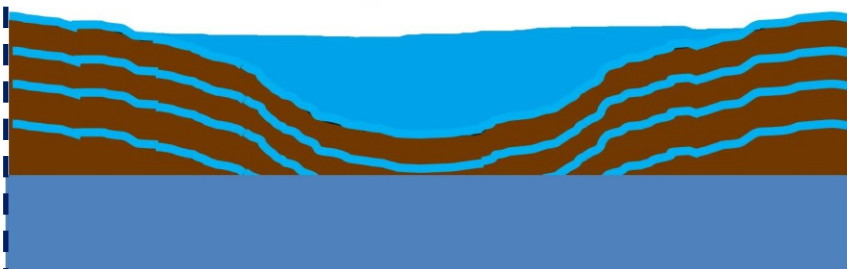
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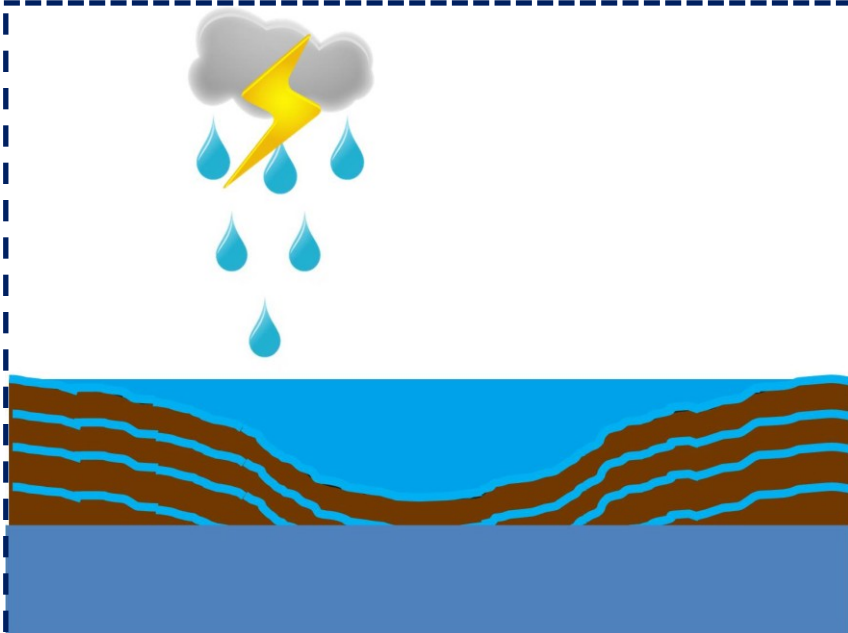
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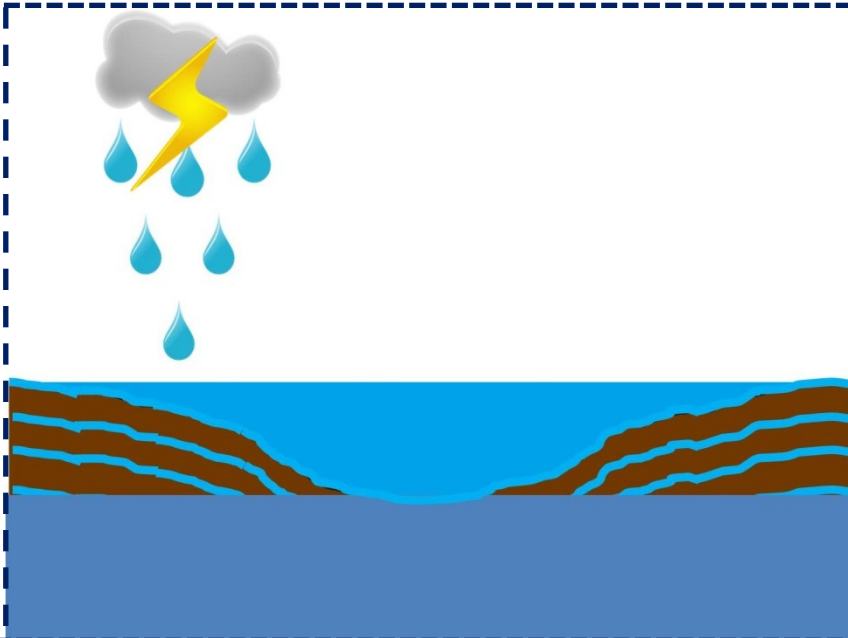
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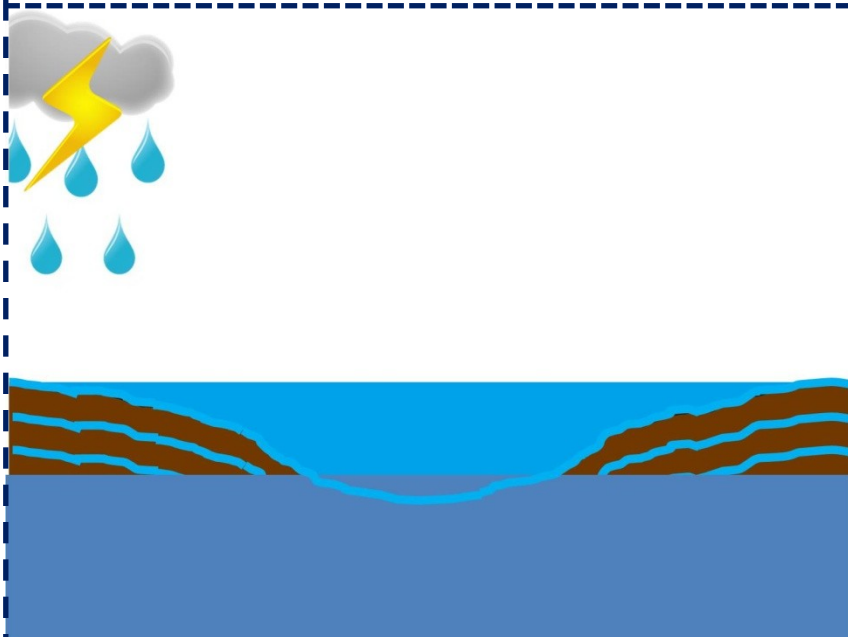
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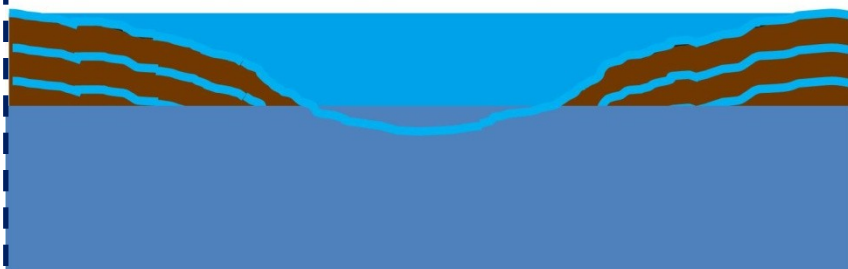
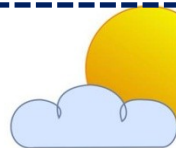
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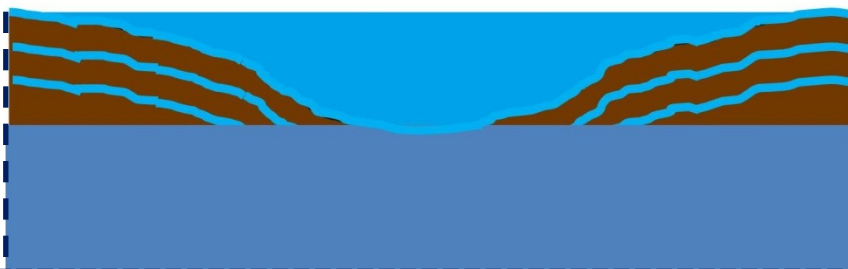
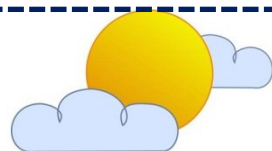
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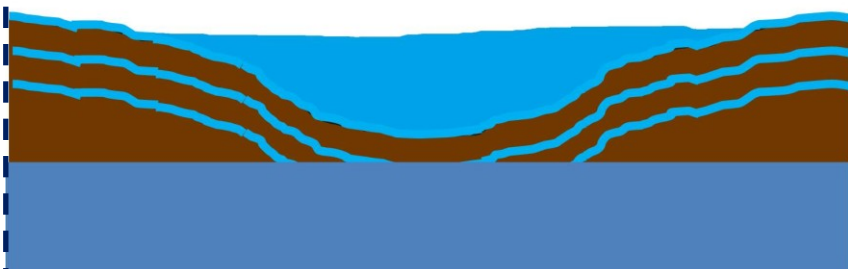
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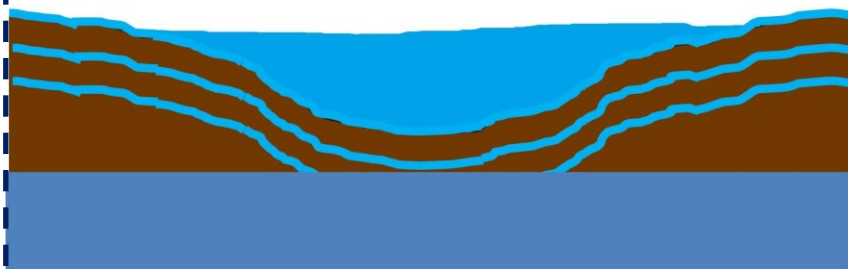
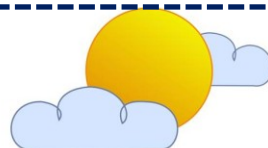
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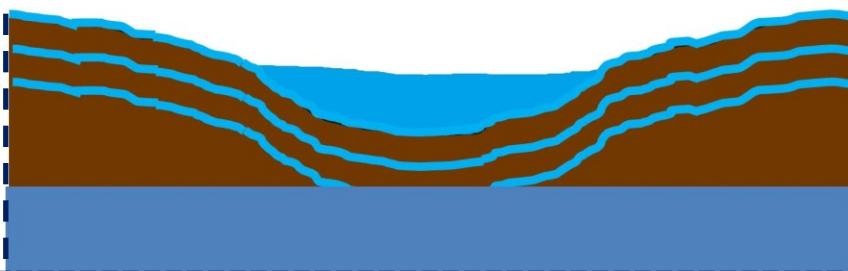
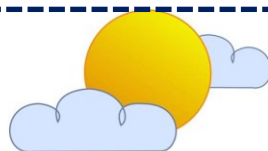
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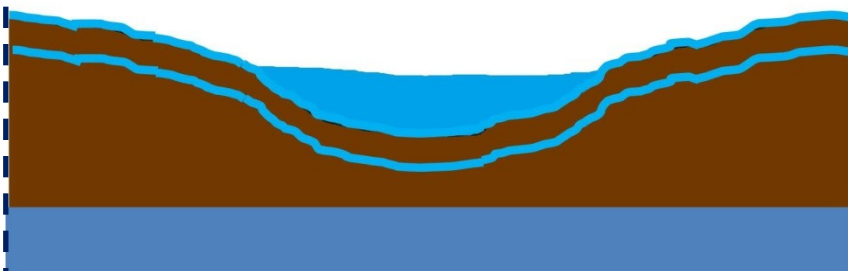
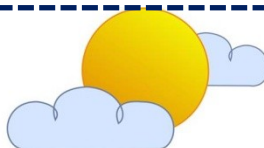
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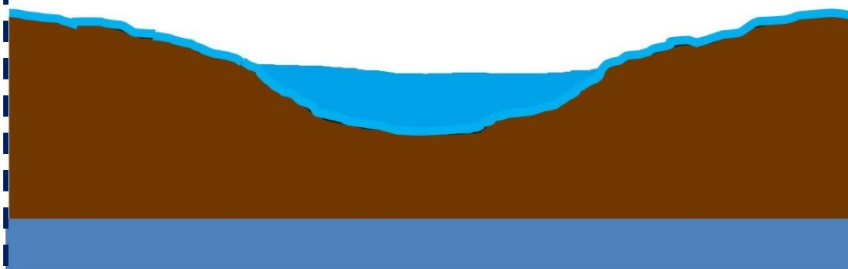
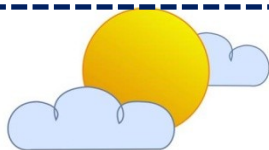
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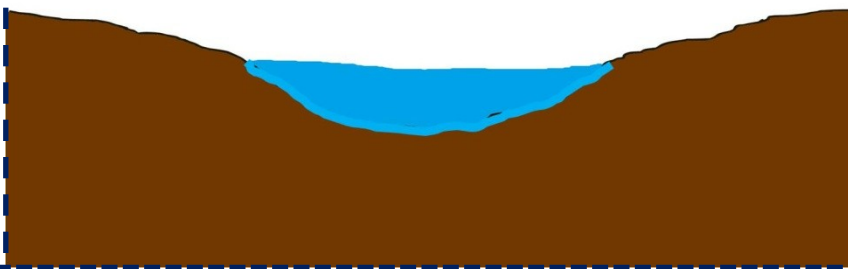
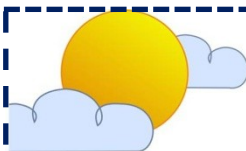
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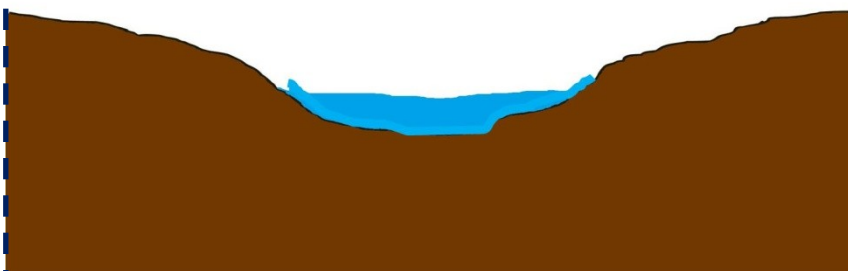
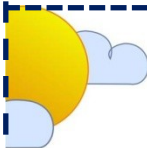
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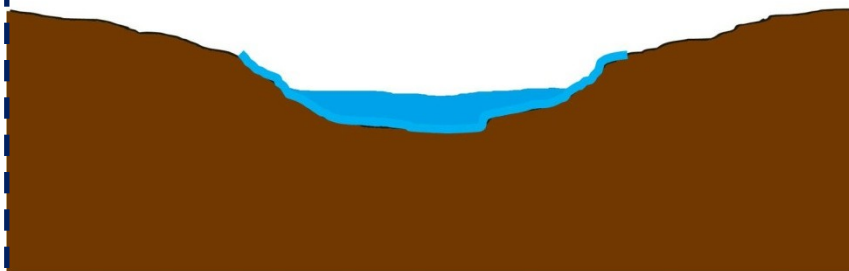
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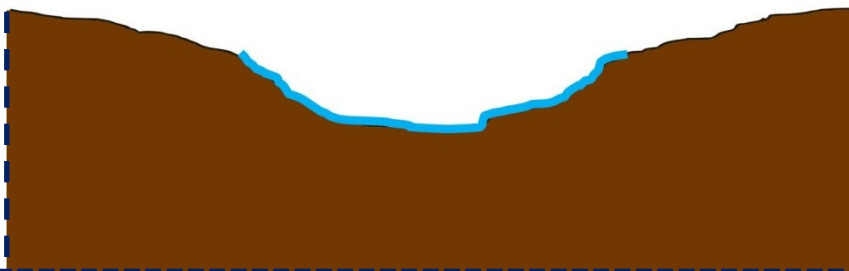
Primavera 09



Verão 01



Verão 02



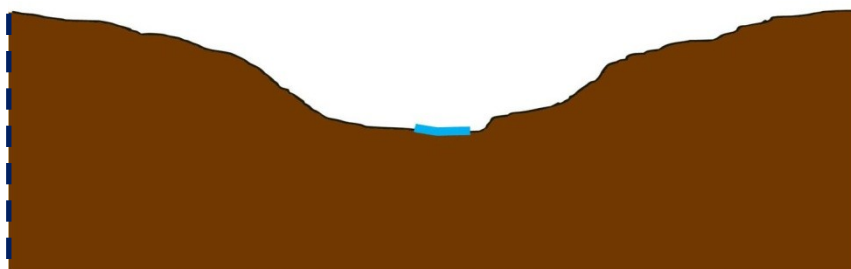
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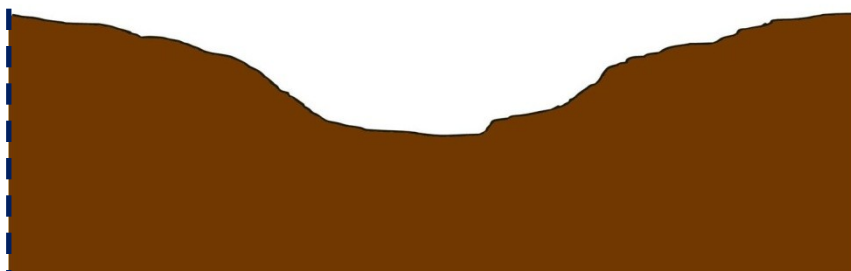
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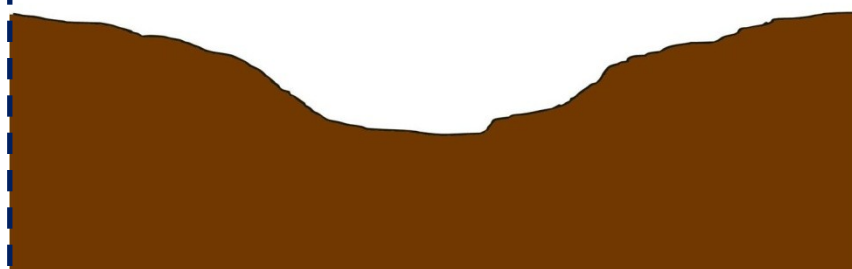
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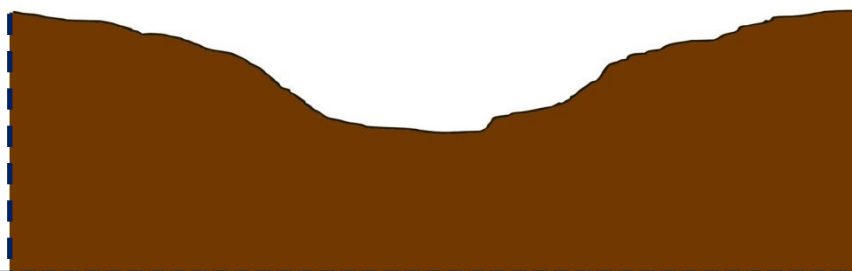
Verão 06



Verão 07



Verão 08



Verão 09

