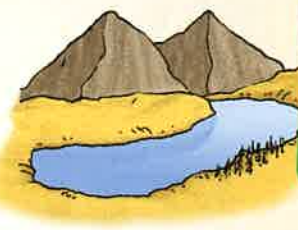


# LEAKY LAKES

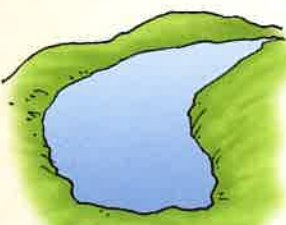
**B**ack on the surface again, and there's just one watery world left to explore. No, you won't need a torch this time. The leaky lakes you'll be looking at are all above ground. Put simply, a lake's a large patch of water that fills a dip in the ground. So all lakes are damp and dippy, but they're also horribly different. Here are some notes Wanda jotted down for you about the main leaky lake types.

## NOTES FROM MY TRAVELS by Wanda LEAKY LAKE TYPES

**GLACIER LAKES:** Fill dips gouged out by ancient glaciers in the last Ice Age. Like the Great Lakes in North America.



**RIFT VALLEY LAKES:** Long, snakey lakes lying in faults (colossal cracks) in the Earth's crust. Like Lake Tanganyika in East Africa.



**CRATER LAKES:** Collect in the craters of long-dead volcanoes. Like Crater Lake in the USA.



**OX-BOW LAKES:** Banana-shaped lakes that form when a meandering river gets cut off.



**ARTIFICIAL LAKES:** Where a dam's built across a river, stopping the flow. Like Lake Nasser in Egypt.



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## TEACHER TEASER

See if your teacher's brain has sprung a leak with this teaser. Which of these lakes is the odd one out?

a) Caspian Sea. b) Dead Sea. c) Lake Superior.

**Answer:** c) Lake Superior's a freshwater lake. The other two are salty. That's why horrible geographers call them seas even though they're nowhere near the coast. Confusing, or what?

## WICKED WORLD FACTS

Most leaky lakes get their water from rivers and rainfall.

In about 40,000 years, Lake Geneva in Switzerland will have been filled by mud dumped in it by the River Rhone.

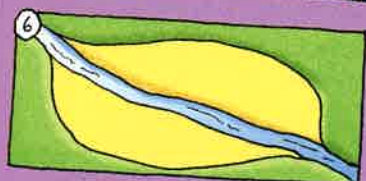
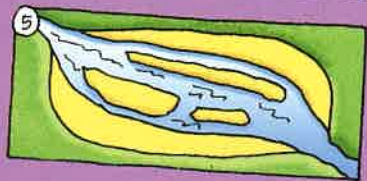
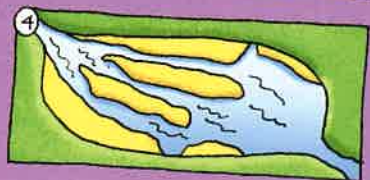
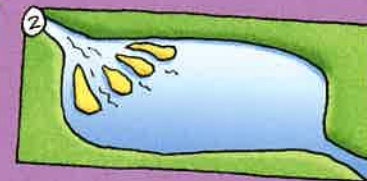
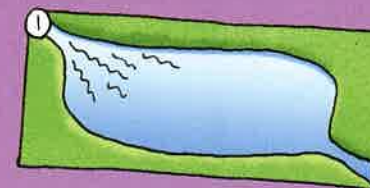
Lake Chubb in Canada lies in a huge hollow left when a massive meteorite smashed into the Earth.

## Leaky lake life story

Lakes don't last for ever. But don't worry, you won't miss a thing. Most lakes live for hundreds of thousands of years so there's plenty of time for snaps. Here's what happens as a leaky lake grows old.

1 A river dumps its load of mud and sand in the lake.  
2 This builds up at one end, in a fancy fan shape.

3 The river dumps more mud and sand...  
4 ... spreading the fan out further.  
5 Slowly, the lake starts to shrink...  
6 ... until it's completely filled in.



## Top ten leaky lakes

Looking to locate a leaky lake? Here's a useful map of the world's top ten largest.

1. CASPIAN SEA (378,400 SQ KM)
2. LAKE SUPERIOR (82,100 SQ KM)
3. LAKE VICTORIA (69,484 SQ KM)
4. LAKE HURON (59,580 SQ KM)
5. LAKE MICHIGAN (57,700 SQ KM)
6. ARAL SEA (37,000 SQ KM)
7. LAKE TANGANYIKA (31,987 SQ KM)
8. LAKE BAIKAL (31,494 SQ KM)
9. GREAT BEAR LAKE (31,153)
10. LAKE NYASA (MALAWI) (28,877 SQ KM)



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