

## PLUTO AND NEW HORIZONS

Scientists try to be very precise. Their training teaches them to make **formal** statements that can be verified by evidence. Of course, they are also human and when the space probe, New Horizons, launched in January 2006, flew past Pluto and successfully sent home lots of information, scientists, in their excitement, made a few **informal** remarks as well. Write **formal** or **informal** after each statement.



Pluto and its large moon, Charon, are 5 billion km from the Sun in the dim outskirts of the Solar System.

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Data from New Horizons will downlink to Earth over the next sixteen months.

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This observation is so tantalising, I'm finding it hard to patiently wait for more data to arrive.

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Pluto's surface, including the distinctive heart-shaped area, is covered by several different types of ice.

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Pluto is a really fascinating place – both beautiful and strange.

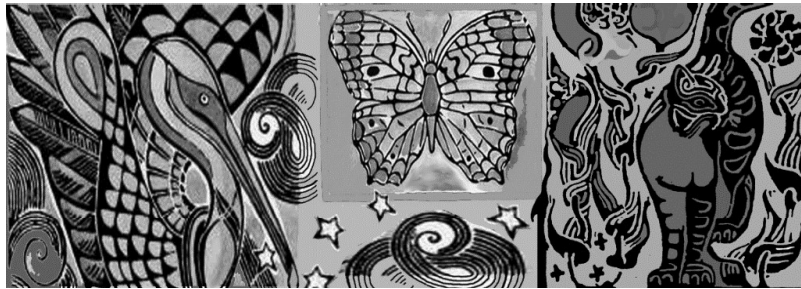
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I knew it was going to be cool. I just didn't know it was going to be this cool.

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## THE ECCENTRIC ARTIST

Read this information about an American artist. It contains **facts** and **opinions**. Then **tick** the correct boxes.



Walter Anderson was born in New Orleans on 29 September 1903 and died in the same city on the coast of Mississippi on 30 November 1965. It was in Ocean Springs that the family opened Shearwater Pottery – still operating today – selling ceramics, paintings and woodcarvings. Managed by his older brother, Peter, it may have been the case that Walter, an emerging artist, found this highly frustrating. He referred to his work on small, decorated figures sold to the tourist trade as the manufacture of ‘widgets’.

His frustrations, the death of his father, and recurring bouts of malaria and fever possibly led to depression and a mental breakdown. No one can be sure. Between 1938 and 1940, he spent some time in and out of mental hospitals. It has been said that, on one occasion, he escaped by tying sheets together and climbing out of the window.

He spent his later years hidden away in a wooded corner of Shearwater inside a wooden shack which he kept padlocked. He must have been a lonely man. When he died and family members entered his sanctuary, they must have been amazed. Every inch of every wall and ceiling is painted in bright, jewel-like colours. The creatures of the coast – butterflies, crickets, deer, possum, blue jays, fish, frogs, lizards and alligators – are displayed in their habitats of entangled branches, flowers and rivers. Today, the sight is still breathtaking.

Few visitors to Shearwater today are allowed access to the simple shack that is, in effect, a shrine to the work of this artist. No doubt, many would love to see inside. For there, it still stands, a doorway to the creative mind of Walter Anderson.

Now decide whether the following statements are **facts** or **opinions**.

statement	fact	opinion
Walter Anderson was born in New Orleans.		
Shearwater Pottery is still operating today.		
Walter found decorating figures for the tourist trade highly frustrating.		
Walter suffered from recurring bouts of malaria and fever.		
The death of his father and other problems led to a mental breakdown.		
He spent some time in and out of mental hospitals.		
He escaped from a mental hospital by climbing out of the window using sheets he had tied together.		
He spent his later years in a wooden shack which he kept padlocked.		
He must have been a lonely man.		
When family members entered their sanctuary, they must have been amazed.		
The colours of the paint are jewel-like.		
The creatures of the coast are displayed in their habitats.		
The sight is breathtaking.		
Few visitors to Shearwater today are allowed access to the simple shack		
a shrine to the work of this artist		
No doubt, many would love to see inside		