

Weekly Science & Technology Report

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First-Ever Incredible Footage of a Thought Being Formed (page 2)

And what is the fish thinking about? Spoiler: food. What's in a thought? When it comes to the zebrafish, now you can see for yourself. For the first time, Japanese researchers have captured video of thoughts moving through a zebrafish's brain. By genetically modifying a transparent zebrafish larvae to create a glow in reaction to calcium ions--which skyrocket during neuron activity--scientists could track the regions in the fish's brain activated by the thought process. Researchers released a paramecium, a single-celled zebrafish food source shaped like a grain of rice, and watched the glowing neurological response from the fish. As the paramecium moves from right to left, the zebrafish's thoughts bounce from left to right. This research could lead to better psychiatric medications, according to Koichi Kawakami, one of the co-authors of the paper in Current Biology. Plus, there's always the possibility of thought detection: "In the future, we can interpret an animal's behavior, including learning and memo

[First-Ever Incredible Footage of a Thought Being Formed](http://gizmodo.com/5980796/first+ever-incredible-footage-of-a-thought-being-formed)

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A team of Japanese researchers has achieved something incredible: they've captured, for the first time ever, a movie which shows how thoughts form in the brain. More

Fri 1 Feb 13 from Gizmodo

[Fishy thoughts captured for first time \(http://www.tgdaily.com/general-science-brief/69188-fishy-thoughts-captured-for-first-time\)](http://www.tgdaily.com/general-science-brief/69188-fishy-thoughts-captured-for-first-time)

For the first time, researchers have been able to observe the thoughts of a living fish while it engages in its natural behavior. read more

Fri 1 Feb 13 from TG Daily

[Researchers Capture A Zebrafish's Thought Process On Video](http://www.popsci.com/science/article/2013-01/watch-zebrafish-think-about-food)

<http://www.popsci.com/science/article/2013-01/watch-zebrafish-think-about-food>

And what is the fish thinking about? Spoiler: food. What's in a thought? When it comes to the zebrafish, now you can see for yourself. For the first time, Japanese researchers have captured ...

Thu 31 Jan 13 from Popular Science

[Fish's thoughts filmed for first time \(http://www.telegraph.co.uk/science/science-news/9840026/Fishes-thoughts-filmed-for-first-time.html\)](http://www.telegraph.co.uk/science/science-news/9840026/Fishes-thoughts-filmed-for-first-time.html)

The thought process of a fish as it tracked its prey and decided to eat it has been filmed by scientists.

Thu 31 Jan 13 from Telegraph.co.uk Science

[Scientists Watch a Fish Think \(http://www.livescience.com/26760-fish-brain-imaging.html\)](http://www.livescience.com/26760-fish-brain-imaging.html)

Scientists get a look inside the mind of a living zebrafish

Thu 31 Jan 13 from Livescience

[What Fish Think About \(http://news.discovery.com/animals/what-fish-think-about-130131.htm#mkcpqn=rssnws1\)](http://news.discovery.com/animals/what-fish-think-about-130131.htm#mkcpqn=rssnws1)

A thought observed channeling through a fish's brain was about -- you guessed it -- food. ->

Thu 31 Jan 13 from Discovery.com

[Scientist See Fish Thoughts \(http://www.laboratoryequipment.com/videos/2013/02/scientist-see-fish-thoughts\)](http://www.laboratoryequipment.com/videos/2013/02/scientist-see-fish-thoughts)

Video of Scientist See Fish Thoughts Read more about Scientist See Fish ThoughtsComments

Fri 1 Feb 13 from Laboratory Equipment

[What A Thought 'Swimming' Through The Brain Of A Fish Looks Like \(http://www.redorbit.com/news/science/1112775072/thought-brain-fish-looks-like-013113/\)](http://www.redorbit.com/news/science/1112775072/thought-brain-fish-looks-like-013113/)

Cell Press [Video 1] [Video 2] For the first time, researchers have been able to see a thought "swim" through the brain of a living fish. The new technology is a useful tool for studies ...

Sun 3 Feb 13 from RedOrbit

[Video: This is what a fish thought looks like \(http://www.labspace.net/126578/Video_This_is_what_a_fish_thought_looks_like\)](http://www.labspace.net/126578/Video_This_is_what_a_fish_thought_looks_like)

For the first time, researchers have been able to see a thought "swim" through the brain of a living fish. The new technology is a useful tool for studies of perception. It ...

Fri 1 Feb 13 from Labspace.net

[This is what a fish thought looks like \(http://esciencenews.com/articles/2013/01/31/this.what.a.fish.thought.looks\)](http://esciencenews.com/articles/2013/01/31/this.what.a.fish.thought.looks)

For the first time, researchers have been able to see a thought "swim" through the brain of a living fish. The new technology is a useful tool for studies of perception. It might even ...

Thu 31 Jan 13 from e! Science News

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