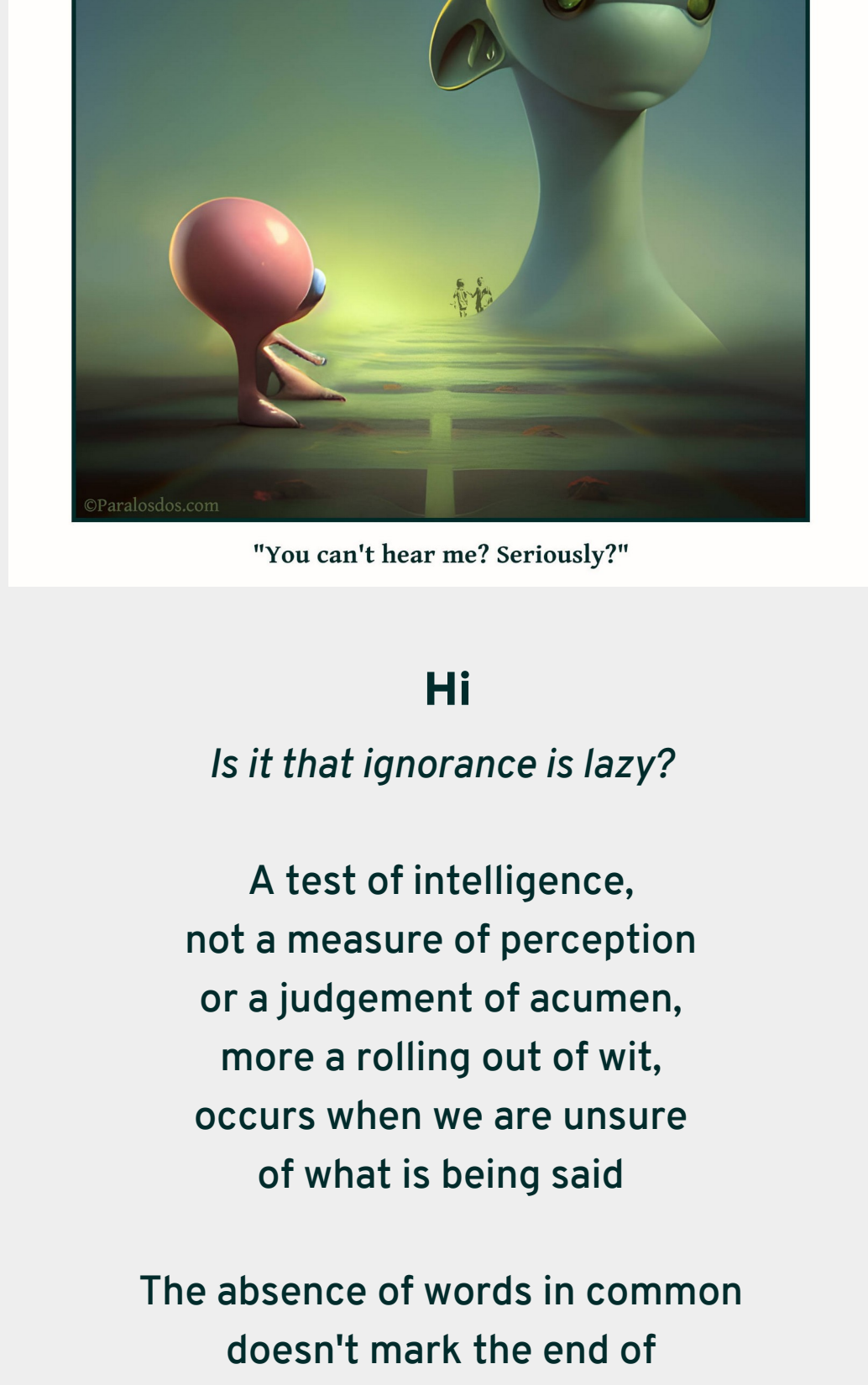


# Change Happens

Have a great day,  
find your way



"You can't hear me? Seriously?"

## Hi

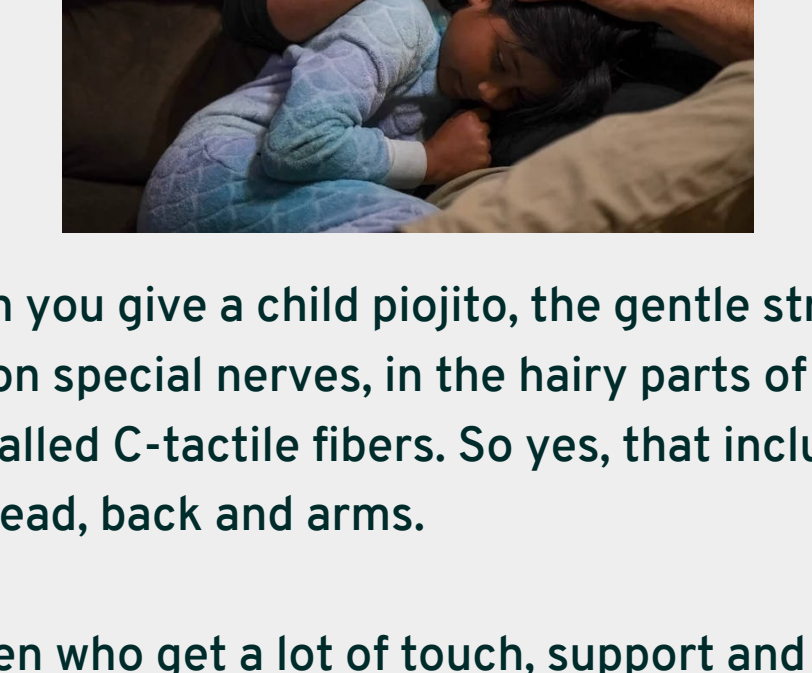
*Is it that ignorance is lazy?*

A test of intelligence, not a measure of perception or a judgement of acumen, more a rolling out of wit, occurs when we are unsure of what is being said

The absence of words in common doesn't mark the end of the possibility of communicating, the nuance and the taste of understanding is more than words

A choice is made in every encounter, a determination to know or not, a decided effort, or a turning away, attending to these moments is what intelligence does.

## Our best guess is: So many Just How Many Galaxies Are in the Universe?



" The Greeks coined the term "galaxies kuklos" for "milky circle" when describing the Milky Way. The Milky Way was a faint band of light, but they had no idea what it was composed of.

When Galileo looked at the Milky Way with the first telescope, he determined that it was made up of numerous stars.

We've known for centuries that our solar system was located within the Milky Way because the Milky Way surrounds us. We can see it throughout the year in all parts of the sky, but it's brighter during the summer, when we're looking at the center of the galaxy. However, to astronomers in the 18th century and earlier, it wasn't clear that the Milky Way was a galaxy and not just a distribution of stars. "

## Love

### Parents around the world use a magic touch

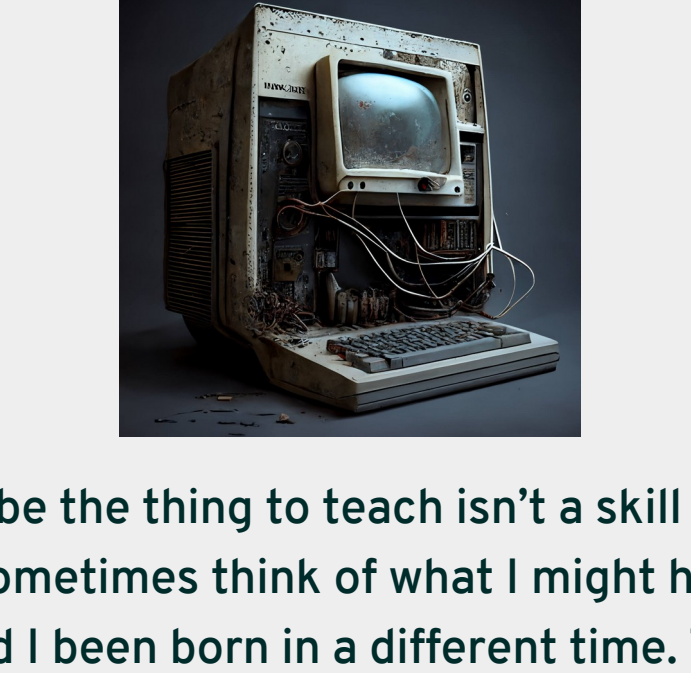


" When you give a child pijojito, the gentle stroking turns on special nerves, in the hairy parts of our skin, called C-tactile fibers. So yes, that includes your head, back and arms.

Children who get a lot of touch, support and closeness from their parents are actually the ones that dare to go out and explore, as they grow up, because they have a basic safety that they can rely on. They have a solid foundation. "

## Images of change

### The Mekong is slowly dying

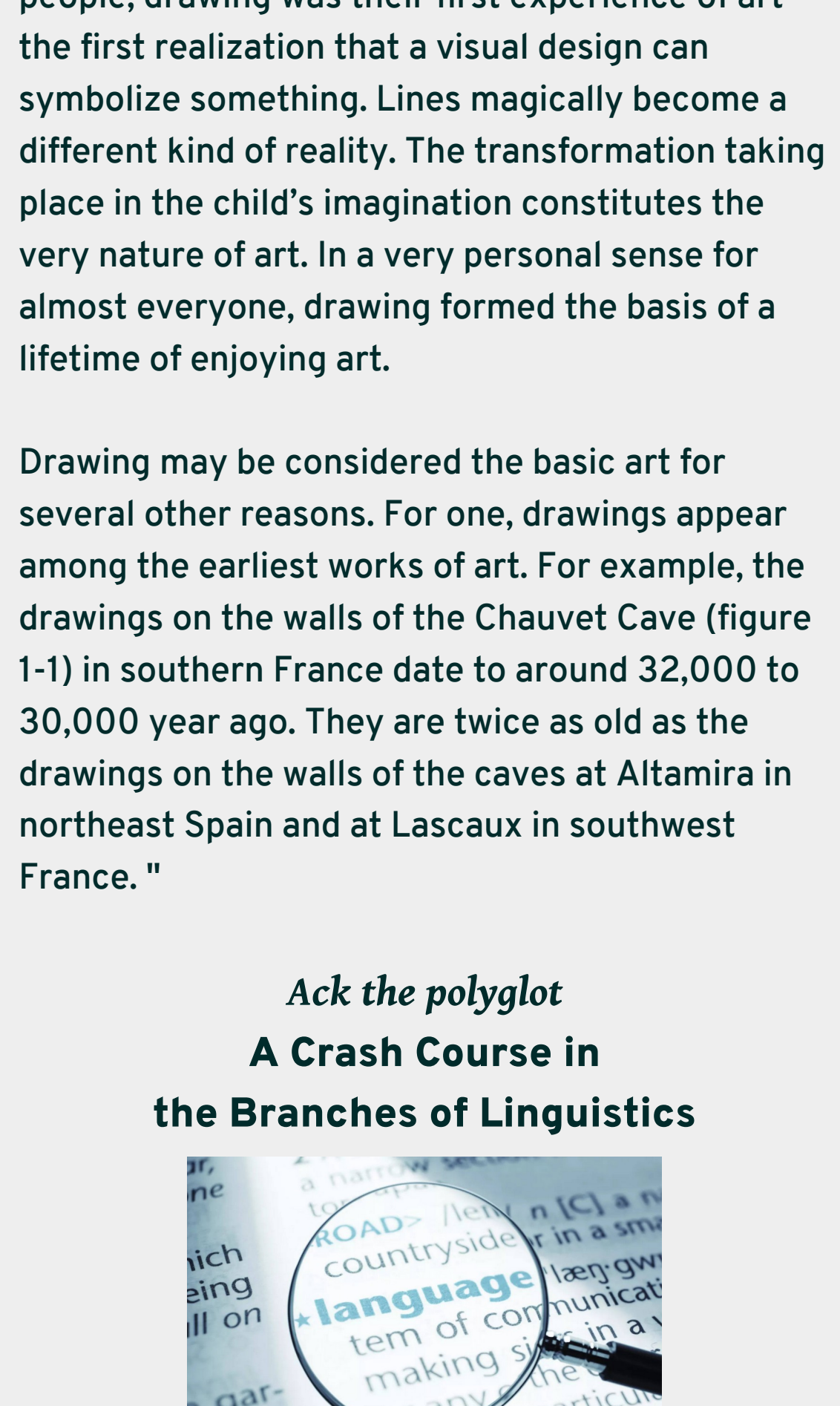


" A new study suggests an alarming decline in fish populations in the lower Mekong, including the Tonle Sap. Scientists across the world recently analysed 110 fish species over 17 years and found their numbers had dropped by more than 87%. The giant catfish, one of the world's largest freshwater fish, and revered by some locals, is believed to be on the verge of extinction - while the striped catfish, once a staple in countries along the Mekong, is now endangered. "

## November 17, 1869

### Suez Canal

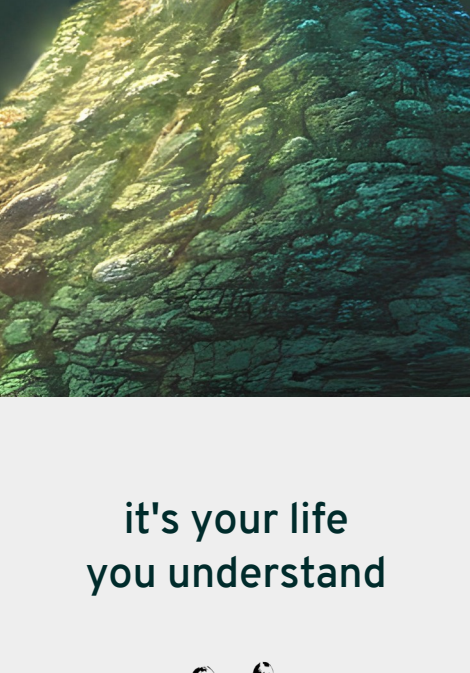
#### The ultimate shortcut



## Wiki Rabbit Hole

" In 1858, Ferdinand de Lesseps formed the Suez Canal Company for the express purpose of building the canal. Construction of the canal lasted from 1859 to 1869. The canal officially opened on 17 November 1869. It offers vessels a direct route between the North Atlantic and northern Indian oceans via the Mediterranean Sea and the Red Sea, avoiding the South Atlantic and southern Indian oceans and reducing the journey distance from the Arabian Sea to London by approximately 8,900 kilometres (5,500 mi), to 10 days at 20 knots (37 km/h; 23 mph) or 8 days at 24 knots (44 km/h; 28 mph). The canal extends from the northern terminus of Port Said to the southern terminus of Port Tewfik at the city of Suez. In 2021, more than 20,600 vessels traversed the canal (an average of 56 per day). "

### The robot does the coding now A Coder Considers the Waning Days of the Craft



" So maybe the thing to teach isn't a skill but a spirit. I sometimes think of what I might have been doing had I been born in a different time. The coders of the agrarian days probably futzted with waterwheels and crop varieties; in the Newtonian era, they might have been obsessed with glass, and dyes, and timekeeping. I was reading an oral history of neural networks recently, and it struck me how many of the people interviewed—people born in and around the nineteen-thirties—had played with radios when they were little. Maybe the next cohort will spend their late nights in the guts of the A.I.s their parents once regarded as black boxes. I shouldn't worry that the era of coding is winding down. Hacking is forever. "

## I know an artist

### History of Drawing



" Sometime between the ages of eighteen and twenty-four months, children make scribbles that, one day, suddenly became a person. For most people, drawing was their first experience of art—the first realization that a visual design can symbolize something. Lines magically become a different kind of reality. The transformation taking place in the child's imagination constitutes the very nature of art. In a very personal sense for almost everyone, drawing formed the basis of a lifetime of enjoying art.

Drawing may be considered the basic art for several other reasons. For one, drawings appear among the earliest works of art. For example, the drawings on the walls of the Chauvet Cave (figure 1-1) in southern France date to around 32,000 to 30,000 year ago. They are twice as old as the drawings on the walls of the caves at Altamira in northeast Spain and at Lascaux in southwest France. "

## Ack the polyglot

### A Crash Course in the Branches of Linguistics



" Simply defined, linguistics is the scientific study of language. Though various types of language studies (including grammar and rhetoric) can be traced back over 2,500 years, the era of modern linguistics is barely two centuries old. "

***“Mathematics is not the art of finding the right answer, and it is the art of understanding why the answer is correct.”***

**Ali Nesin**



it's your life  
you understand



*Please feel free to forward Change Happens to anyone you think might enjoy it and have a most excellent day*