One day during dinner—I was six years old at the time—they were discussing my looks and Mamma, trying to discover something nice about my face, said that I had intelligent eyes, and a pleasant smile, and then, yielding to Papa's arguments and to the obvious, had been forced to admit that I was plain; and afterwards, when I was thanking her for the dinner, she patted my cheek and said: "Remember, my little Nikolai, that no one will love you for your face; so you must try to be a sensible good boy."

Leo Tolstoy, *Childhood, Boyhood, Youth* (New York: Charles Scribner's Sons, 1929).

An anamorphosis is a way of hiding words and shapes invented by Leonardo da Vinci, and thereafter commonly used as a means of concealing erotic images. To interpret them, look at the shapes from the edge of the page.
My grandmother had the gift of second sight, and could predict the future. This probably came from the loneliness of her existence up there in the mountains, where there were no neighbors. Of all the legends about her, that of her premonition of death I find the most unforgettable. One fine May morning she took her wedding dress out of the chest and had herself dressed in it. For a day and a night, although in perfect health, she waited for death. She ate and drank nothing, and foretold the exact hour at which she would die.


About the time I first met Picasso, he had made a sculpture of a bull's head out of the seat and handlebars of a bicycle. He used to say that this sculpture was reversible. "I find a bicycle seat and handlebars in the street, and I say, 'Well, there's a bull,' until a cyclist comes along and says, 'Well, there's a bicycle seat' and he makes a seat and a pair of handlebars out of it again. And that can go on, back and forth, for an eternity, according to the needs of the mind and body."


Above: Cover illustration from Resemblances: Amazing Faces by Charles Le Brun by Edward Sorel (New York: Harlan Quist, 1980), 17th century comparisons of the facial features of animals and humans. Le Brun was court artist to Louis XIV.
e loved to call things by the wrong names—or, it may be, the right ones, fantastically the right ones. Either extreme is poetic, of which he had the secret without knowing that he did. It was natural for him to name two lively rams on the place Belshazzar and Nebuchadnezzar...Frank became Fritz Augustus—just why, I never inquired—and I was either Marcus Aurelius or Marco Bozzaris. Guy was Guy Bob, and Carl was Carlo. And Paul, when it came time for him to share in the illicit luxuriance, was no other than Wallace P. Poggin—again, I have no faint idea why. My father never discussed his inspirations, any more than he analyzed his spoonerisms, or even admitted that they had fallen from his mouth. He would cough, and appear to apologize by saying: "I have a little throating in my cit."


I was born cross-eyed. I could see only large patterns, houses, trees and outlines of people—and all coloring was blurred. I could see two dark areas on human faces, but I could not see a human eye or a teardrop or a human hair. Not until I was four years old, in 1899, was it discovered that my cross-eyedness was caused by my being abnormally farsighted. Lenses fully corrected my vision. Despite my new ability to apprehend details, my childhood's spontaneous dependence only upon big patterns has persisted.


My wit depended largely on puns or on amusingly distorted quotations...When my parents were engaged they were of course never allowed to be alone together; there always had to be an older woman, a chaperon, to safeguard the virtue of the lady. On one occasion, however, the chaperon relented and allowed the two young people to go up one of the towers in Prague, pretending that she was too tired for the long climb. When the two came down again, flushed and very happy, she kindly asked "Was it beautiful?" "Oh yes," said my father, "we overlooked the whole of Prague."


After falling into a sound sleep, Howe dreamed that he was kidnapped by a band of savages who threatened to kill him if he did not invent a sewing machine in twenty-four hours. Unable to meet the deadline, the machinist was led to his execution. As the spears of the savages descended on him, Howe noticed that they had eyeshaped holes close to the tips. At that moment he shook off the nightmare, woke up, and knew exactly where to place the eye in his sewing machine needle.


The first emotional disturbance in my life came when I was about two years old, probably a little older. A baby brother was born. I cannot now remember why I hated him. Of course it was jealousy; but I hated him with a bitter, terrible hate. And this I am sure I can remember: I sneaked around the corner of the house to the east porch where his crib was, of a summer afternoon, and began pounding him with my little fists. They caught me when his screams called them. I had no remorse that I remember. I cannot bring back any pictures of his early death and recall nothing of his funeral.

Here are no appearances to be photographed, no experiences to be copied, in which we do not take part. Science, like art, is not a copy of nature but a re-creation of her. We re-make nature by the act of discovery, in the poem or in the theorem. And the great poem and the deep theorem are new to every reader, and yet are his own experiences, because he himself re-creates them. They are the marks of unity in variety; and in the instant when the mind seizes this for itself, in art or in science, the heart misses a beat.


stopped believing in Santa Claus when I was six. Mother took me to see him in a department store and he asked me for my autograph.

Shirley Temple

When Napoleon abdicated for the second time in 1815, he was shipped as a prisoner of war to the island of Saint Helena. In this anonymous 19th century puzzle picture, where is Napoleon hiding?

The first thing I remember is sitting in a pram at the top of a hill with a dead dog lying at my feet...The dog, as I know now, was a pug owned by my elder sister. It had been run over---by a horse carriage---and killed and the nurse thought it convenient to bring the cadaver home this way.


Sometimes Pablo found objects that seemed exactly right and needed no intervention from him to make them works of art...In a certain type of pre-war gas stove there was one burner, different from the others, that looked so though it should have been a Picasso sculpture of a woman. To make it one, Pablo mounted it on a block of wood and christened it La Venus du Gaz.


Creativity has become a healthy, even a holy word. Its popularity is recent, its followers alarmingly American. The command has gone out from gurus of every persuasion: be creative! an injunction which is followed by the assurance that it's actually better for you than bowling; and millions have eagerly, anxiously responded. The pursuit and practice of something labeled creativity is now as epidemic as tennis or jogging, and apparently as difficult to discourage, now it's here, as trailer parks, poverty, or moviegoing.


Without typewriters, carbon paper, or Xerox machines, how did Thomas Jefferson copy the letters he sent? At times he used a polygraph (pictured above), a modified pantograph drawing machine which wrote with two suspended pens. Two sheets of writing paper were placed on the board, one beneath each pen. As Jefferson wrote with one of the pens, the second produced an exact duplicate for his files. See Silvio A. Bedini, Thomas Jefferson and His Copying Machines (Charlottesville, Virginia: University Press of Virginia, 1984).
Calling for a bottle of Malmsey, he popped the cork, drained the wine, and threw the cork overboard. Opening his mouth wide to show that it was empty, Boccal gnashed his teeth, then blew a stream of dry flour through his lips, spraying the passengers.

The cork that had been tossed into the sea reappeared tied to a string around the neck of a spectator. Boccal stuffed a piece of bread into the man's gaping mouth; when the man spit it out, the bread had changed to manure.

Anonymous puzzle picture (a homomorphic visual pun) from the 19th century which looks like a skull from a distance.

Asking a writer what he thinks about critics is like asking a lamppost what it thinks about dogs.

John Osborne.

Science and the arts today are not as discordant as many people think. The difficulties which we all have as intelligent amateurs in following modern literature and music and painting are not unimportant. They are one sign of the lack of a broad and general language in our culture. The difficulties which we have in understanding the basic ideas of modern science are signs of the same lack. Science and the arts shared the same language at the Restoration. They no longer seem to do so today. But the reason is that they share the same silence: they lack the same language. And it is the business of each of us to try to remake that one universal language which alone can unite art and science, and layman and scientist, in a common understanding.


In the name of Annah the All-mani, the Everliving, the Bringer of Plurabilities, haloed be her eye, her single-time sung, her rill be run, unhemmed as it is uneven...Wharnow are alla her childer, say? In kingdom gone or power to come or gloria be to them farther? Allalivial, allalivial! Some here, more no more, more again lost alla stranger.

Anonymous 19th century puzzle picture (a metamorphic visual pun) in which a boy becomes a bird.

Always taste every dish for flavor. Like an artist you are never finished until that last stroke of the brush. Never add soy sauce after serving. Have you ever seen an artist hang a picture on the wall and then take a brush and add strokes of paint?

...some people are far more sensitive to resemblances, and far more ready to point out wherein they consist, than others are. They are the wits, the poets, the inventors, the scientific men, the practical geniuses.

William James, Principles of Psychology.

If my memory serves me right, here is my genealogical line: Boccaccio, Petronius, Rabelais, Whitman, Emerson, Thorpe, Maeterlinck, Romain Rolland, Plotinus, Heraclitus, Nietzsche, Dostoevski (and other Russian writers of the nineteenth century), the ancient Greek dramatists, the Elizabethan dramatists (excluding Shakespeare), Theodore Dreiser, Knut Hamsun, D.H. Lawrence, James Joyce, Thomas Mann, Elie Faure, Oswald Spengler, Marcel Proust, van Gogh, the Dadaists and Surrealists, Baxlac, Lewis Carroll, Nijinsky, Rimbaud, Blaise Cendrars, Jean Glono, Celina, everything I read on Zen Buddhism, everything I read about China, India, Tibet, Arabia, Africa and of course the Bible, the men who wrote it and especially the men who made the King James version, for it was the language of the Bible rather than its "message" which I got first and which I will never shake off.

Henry Miller, quoted in Robert Snyder, editor, This is Henry, Henry Miller from Brooklyn (Los Angeles: Nash Publishing, 1974), pp. 119-121.

have to go feed the goldfish. I have to go look at the crops. I have to go see a man about a dog. I have to pay a visit to the old soldiers' home. I have to get to the holy of holies. I have to go sharpen the skates. I have to go visit the chamber of commerce.

Euphemistic ways to excuse oneself in order to go to the restroom, according to Lester V. Barrey and Melvin Van Den Bark, The American Thesaurus of Slang (New York: Thomas Y. Crowell, 1956), pp. 142-143.

M y foster mother had several beautiful parrots and some monkeys. One monkey was a full-grown male of a very large species. One morning "Pretty Polly" asked for her breakfast as usual: "Mignonne wants bread and milk." The monkey, probably thinking the bird presumed upon his rights in the scale of Nature, walked deliberately towards her and, with unnatural composure, killed her. My infant heart agonized at this cruel sight. I prayed a servant to beat the monkey, but he refused because he preferred him to the parrot.


Fellow in North-Wales, shoving of a Tree fell down on his head, and his Brain being turned, lay for dead: A Mason being thereby, advised that he should have a good strong coffin made, and his Feets to come to the end of it, and his head not to touch the other end by two inches: He layeth the Man in the Coffin on a Table-board, and then with a huge Axe, gave a sound Knock at the feet, to turne by that contrary motion his Braine right again. After the blow was given the fellow gave a groane and spake: and he recovered.


Find Beethoven (an antique anamorphosis, artist unknown).

The first issue of BALLAST was dedicated to Liam Hudson, a contemporary British psychologist, and author of numerous books, including Bodies of Knowledge, The Cult of the Fact, and Night Life. The second issue was dedicated to Jules Kirschenbaum, a contemporary American painter, and the Ellis and Nelle Levitt Professor of Art at Drake University in Des Moines, Iowa. Our third issue is dedicated posthumously to the French physician, photographer, and inventor, Etienne-Jules Marey (1830-1904), one of whose many inventions is reproduced above. It is his modification of a moving picture machine (prior to the invention of motion pictures), a spinning drum known as a zoetrope. Normally, a strip of sequential drawings or photographs was placed inside this drum, then viewed through the slits from the outside. When the drum rotates, the static pictures are perceived as a single moving picture. But Marey went one step further when, instead of a strip of pictures, he used a sequence of wax sculptures of a bird in flight. The result was the first 3-D moving picture. Some of Marey's photographs of moving human figures were similar to and coincident with those of Eadweard Muybridge, the American photographer. By the admission of Marcel Duchamp, it was the chronophotographs of Marey which provided him with the idea for Nude Descending a Staircase, his infamous futurist painting. For further information, see E.J. Marey, Movement (New York: Arno Press Reprint, 1972) and Michel Frizot, La Chronophotographie (Association des Amis de Marey, 1984).

We grizzly old Sykos have done our unsmiling bit on 'Alices when they were yung and easily freudened.

What are anamorphic images? When were they invented and how were they used? The answers are found in the following books: Jurgis Baltrusaitis, Anamorphic Art (New York: Harry Abrams, 1977). Fred Leeman, Hidden Images: Games of Perception, Anamorphic Art and Illusion from the Renaissance to the Present (New York: Harry Abrams, 1976). Lawrence Wright, Perspective in Perspective (London: Routledge & Kegan Paul, 1983). Pictured above is an example of cylindrical anamorphosis, in which a flat anamorphosis becomes readable when it is reflected in a cylindrical mirror.

This Earl of Oxford, making of his low obeisance to Queen Elizabeth, happened to let a F--t, at which he was so abashed and ashamed that he went to Travell, 7 yeares. On his returne the Queen welcomed him home, and sayd, My Lord, I had forgot the F--t.


After a light touch on a point on the base, the duck (shown at right) in the most natural way in the world begins to look round him, eying the audience with an intelligent air. His lord and master...goes off to look for something for the bird to eat. No sooner has he filled a dish with oatmeal porridge than our famished friend plunges his beak deep into it, showing his satisfaction by some characteristic movements of his tail. The way in which he takes the porridge and swallows it greedily is extraordinarily true to life...satisfied with his frugal meal, he stands up and begins to flap his wings and to stretch himself while expressing his gratitude by several contented quacks.

But most astonishing of all are the contractions of the bird’s body clearly showing that his stomach is a little upset by this rapid meal and the effects of a painful digestion...However, the brave bird holds out, and after a few moments we are convinced in the most concrete manner that he has overcome his internal difficulties. The truth is that the smell which now spreads through the room becomes almost unbearable. We wish to express to the artist inventor the pleasure which his demonstration gave to us.


In Constantinople, I talked with a Greek doctor who had lived at Paris, and who didn’t know who I was. He told me that he knew Tristan Tzara very well. Calmly, in spite of my amazement, I asked him what Tzara looked like. “He is tall and blond,” he replied. I couldn’t help from laughing, because I am small and dark.


Learned from her and others like her that first-rate soup is more creative than a second-rate painting, and that, generally, cooking or parenthood or making a home could be creative while poetry need not be; it could be uncreative.


In art, never try to find out anything until the not knowing it has come to be a nuisance to you for some time.

Samuel Butler, Erewhon.

Above: Anonymous puzzle picture from the French Revolution, circa 1795.
my first conscious memory dates from when I was four. I was being taken for a walk by the nursemaid. I was dressed in knickerbockers with a fawn-colored coat, and on my head was a red tam-o'-shanter—you know, the round cap with a little tail protruding from its center, like the remains of a cut umbilical cord. And then out of the hawthorn hedge there hopped a fat toad. What a creature, with its warty skin, its big eyes bulging up, and its awkward movements! That comic toad helped to determine my career as a scientific naturalist.


The first memory of my life dates from my second year, when a maid dropped me against the chimney-piece. I was cut on the forehead and frightened. This shock jolted me into awareness of life, and I clearly saw, I still see, the roomful of the chimney-piece, and my blood running down it, and the distressed look of the maid. I also remember the doctor’s visit, the leeches he applied behind my ear, my mother’s anxiety, and the maid’s dismissal for drunkenness.


My earliest recollection, the date of which I can approximately tell, and which must have been before I was four years old, was when sitting on (his sister) Caroline’s knee in the drawing room, whilst she was cutting an orange for me, a cow ran by the window which made me jump, so that I received a bad cut, of which I bear the scar to this day.


When he (Frank Lloyd Wright) was in Japan, working on the Imperial Hotel, he ordered some new collars from a local haberdasher. He explained how he wanted them made, and a sample was sent for his approval. He scribbled in red: “OK, FLLW.” When the collars were delivered, everyone was monogrammed “OK, FLLM” in red ink.


May I speak with Dean Einstein, please?” the speaker asked. On being told that the dean was out, the caller said: “Perhaps you can tell me where Dr. Einstein lives.” But it had been agreed that everything should be done to protect him from inquisitive callers, so the request was politely refused. “The voice on the telephone dropped to a near whisper,” writes Eisenhart, “and continued: ‘Please do not tell anybody, but I am Dr. Einstein. I am on my way home and have forgotten where my house is.’”


I had brought a red beard back from my Arctic spell, and also rode a green bicycle. This made me a winning target for the game then in fashion called “Beaver”. The rules of this rather foolish game were that if several people were out together, whenever one of them sighted a man with a beard, he shouted “Beaver”. One beard counted one, a red beard ten, and a red-bearded man on a green bicycle one hundred (and game).


I used to think that people only died when they were put in coffins, but I know now that you can be dead and yet move and walk about and even laugh and pretend to be like all the rest—some of whom are dead also.


Above: Anonymous puzzle picture from the French Revolution, circa 1793.

Although BALLAST does not carry paid advertisements, we are reprinting the following ad, because of our admiration for Bob Elliott and Ray Goulding, also known as

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