

Jennifer Daniel

[illustrator + graphic designer + author]

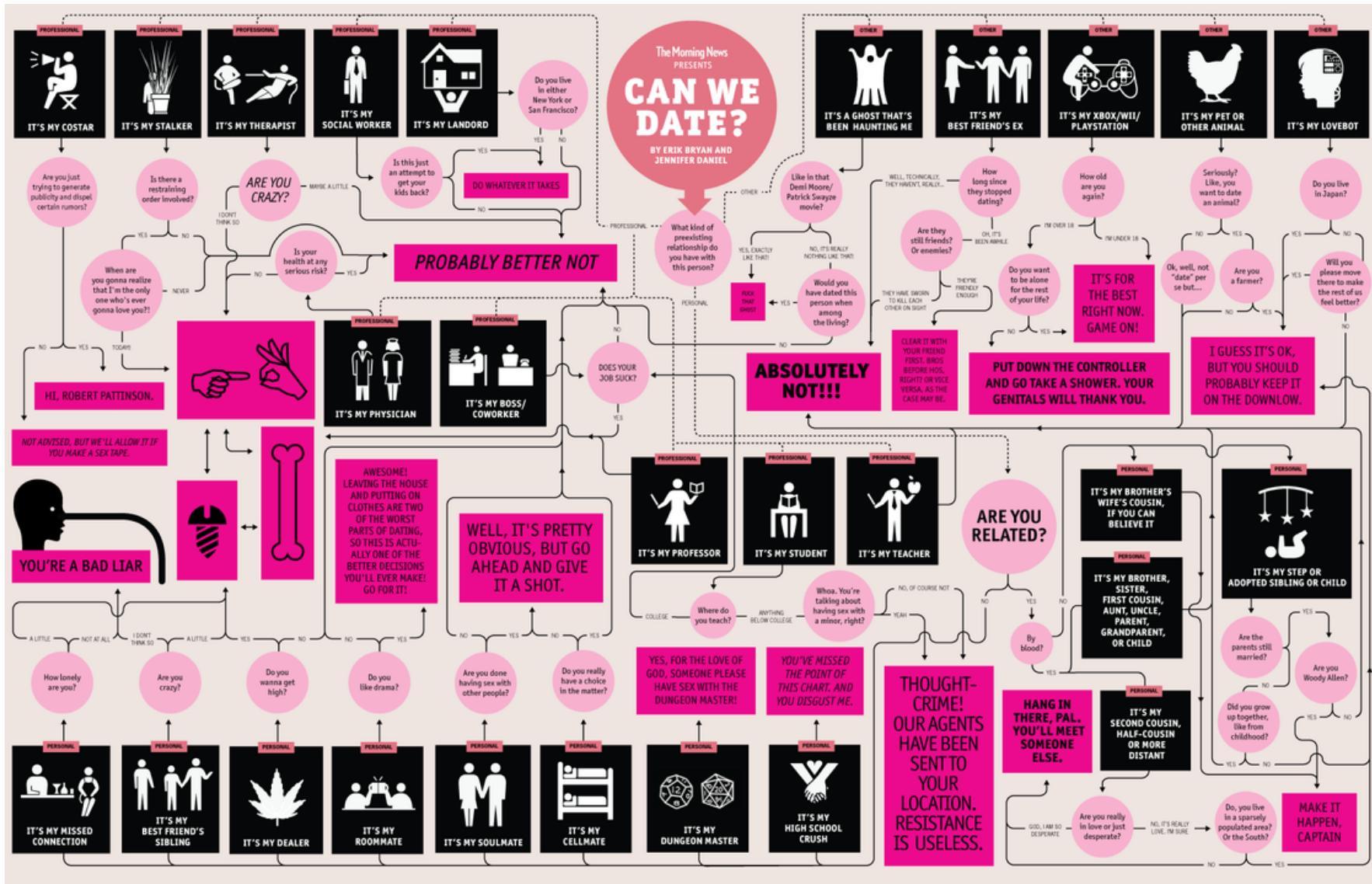
CAN WE DATE?

THE RISNG TIDE

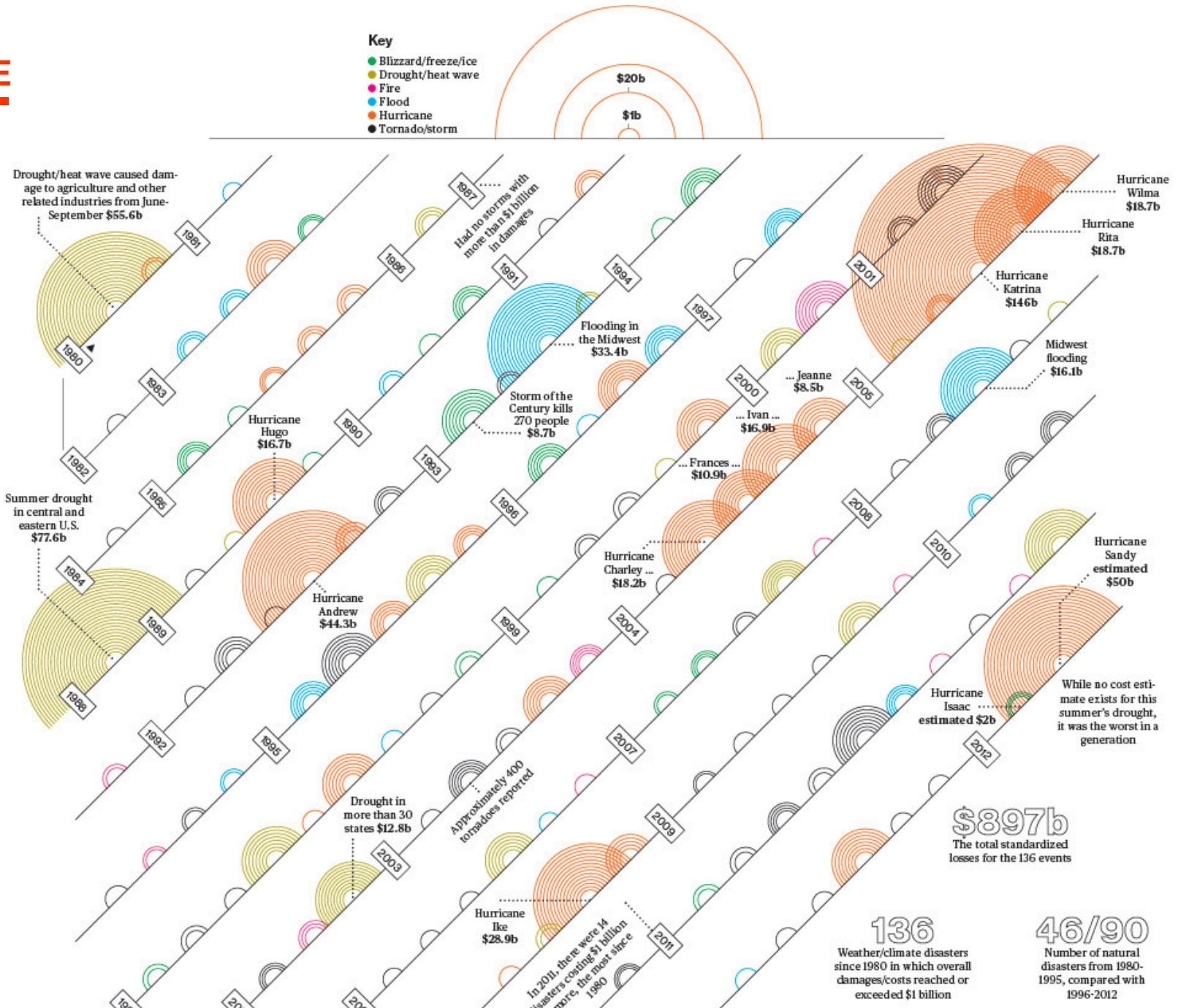
Illustrations

WHO GETS RICH?

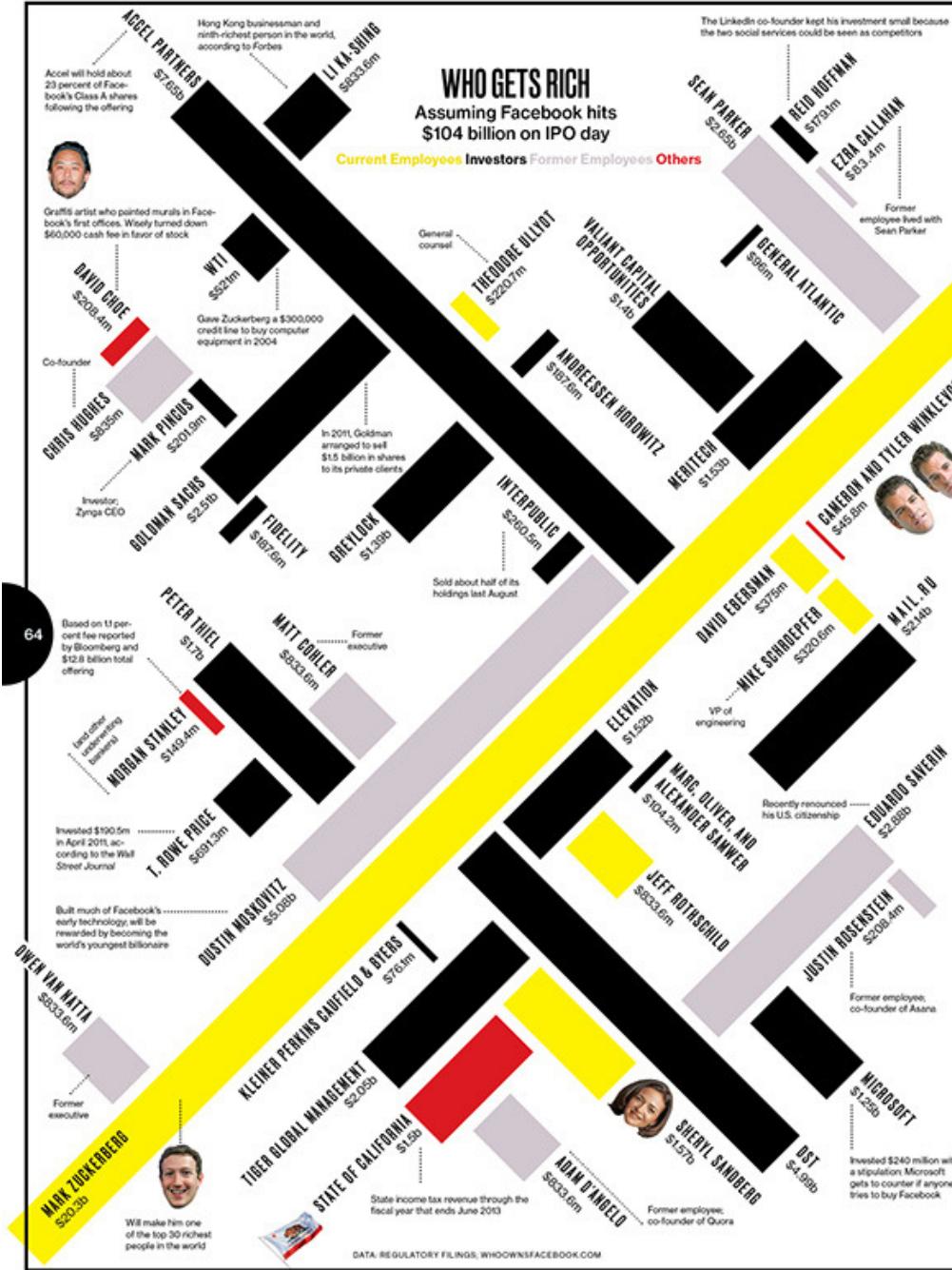
CAN WE DATE?



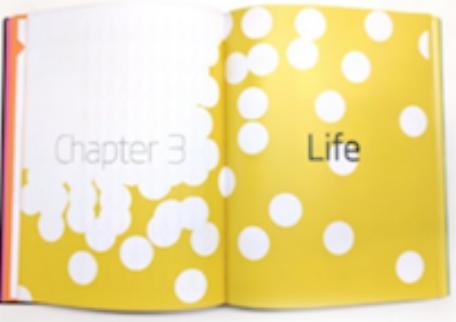
THE RISING TIDE



WHO GETS RICH?



*VALUE OF FACEBOOK STAKE PRIOR TO THE IPO ASSUMING THE TOP PRICE RANGE OF \$38 PER SHARE. FOR CERTAIN EMPLOYEES, DOES NOT INCLUDE VALUE OF SOME SHARES ALREADY VESTED



THE ORIGIN OF (ALMOST) EVERYTHING

What's in your ears?

Earwax comes in two varieties: wet and dry. The type you have is controlled by your genes.



People with dry earwax also have odourless sweat due to similar changes in the output of their sweat glands.

Wet earwax

Orange-brown, sticky and smelly. Made up of the waxy secretions of the ceruminous glands – specialised sweat glands which are found in the outer ear canal – plus dead skin and an oily substance called sebum.



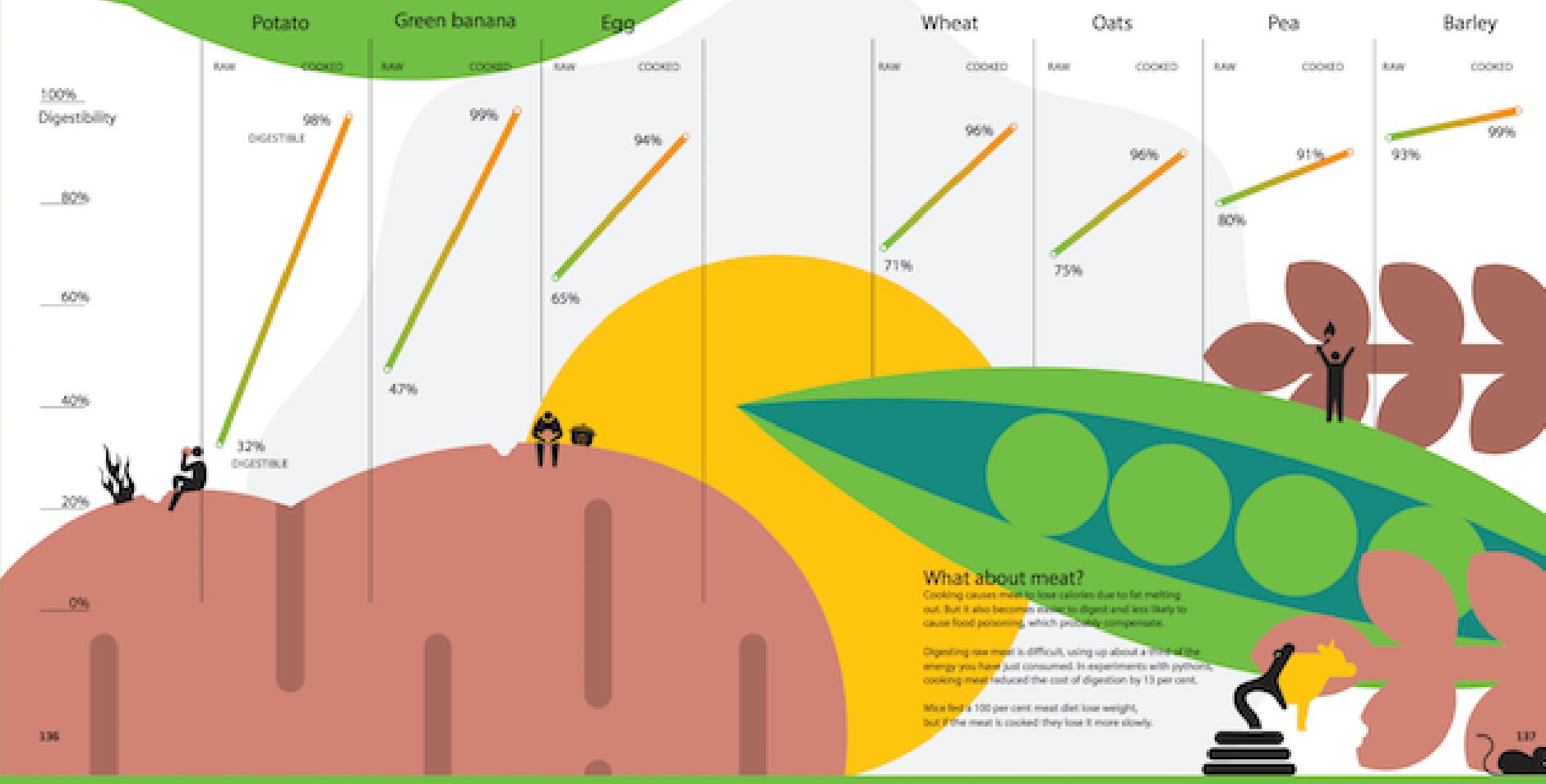
Dry earwax

White-beige, flaky and odourless. It is dry because it contains less of the waxy secretion and so is largely composed of dead skin. Dry earwax is caused by a mutation in a gene called ABCC11. There do not appear to be any ill effects.



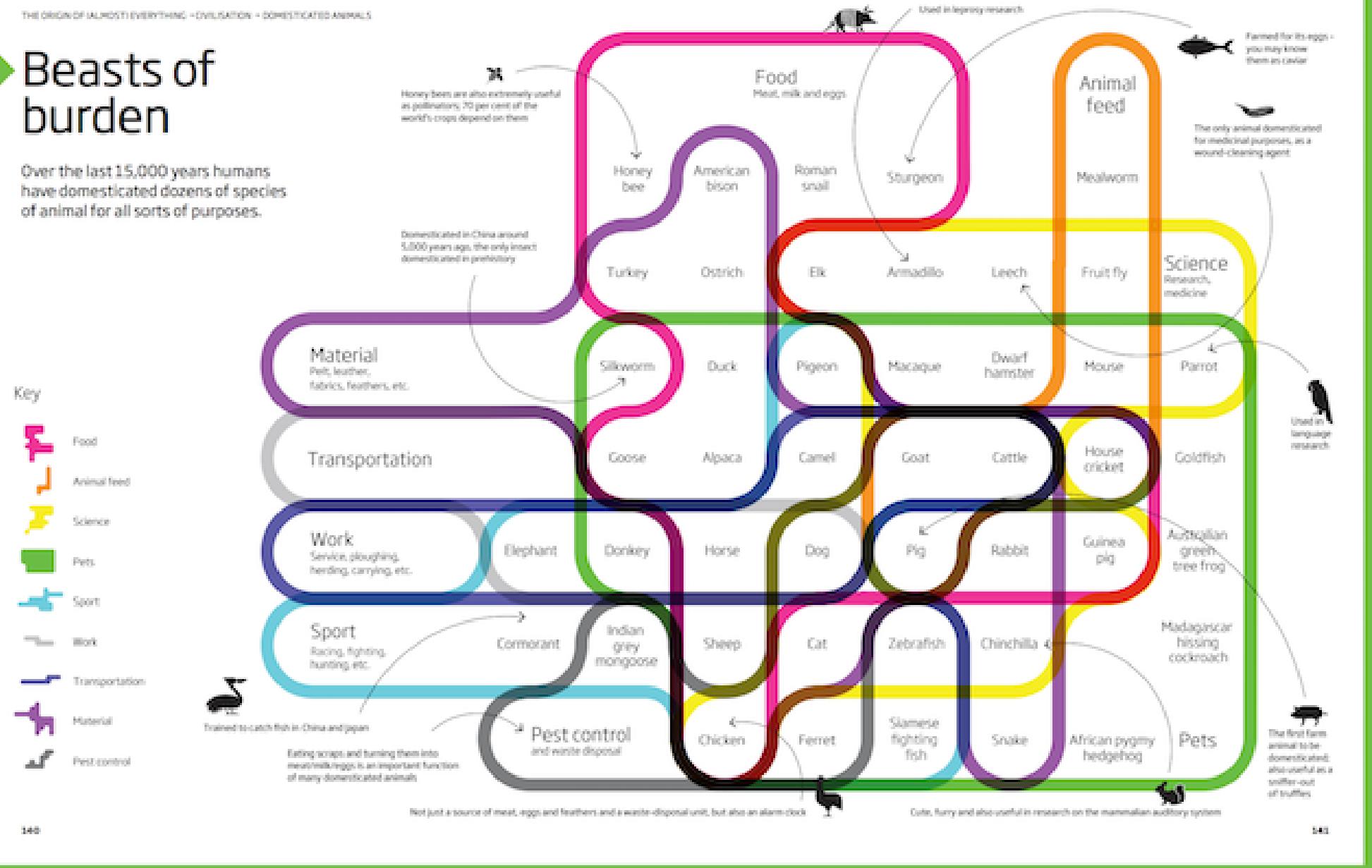
Get stuffed

Cooked food is easier to digest and extract calories from, which was probably an important factor in human evolution after our ancestors invented cooking about a million years ago.



- Beasts of burden

Over the last 15,000 years humans have domesticated dozens of species of animal for all sorts of purposes.

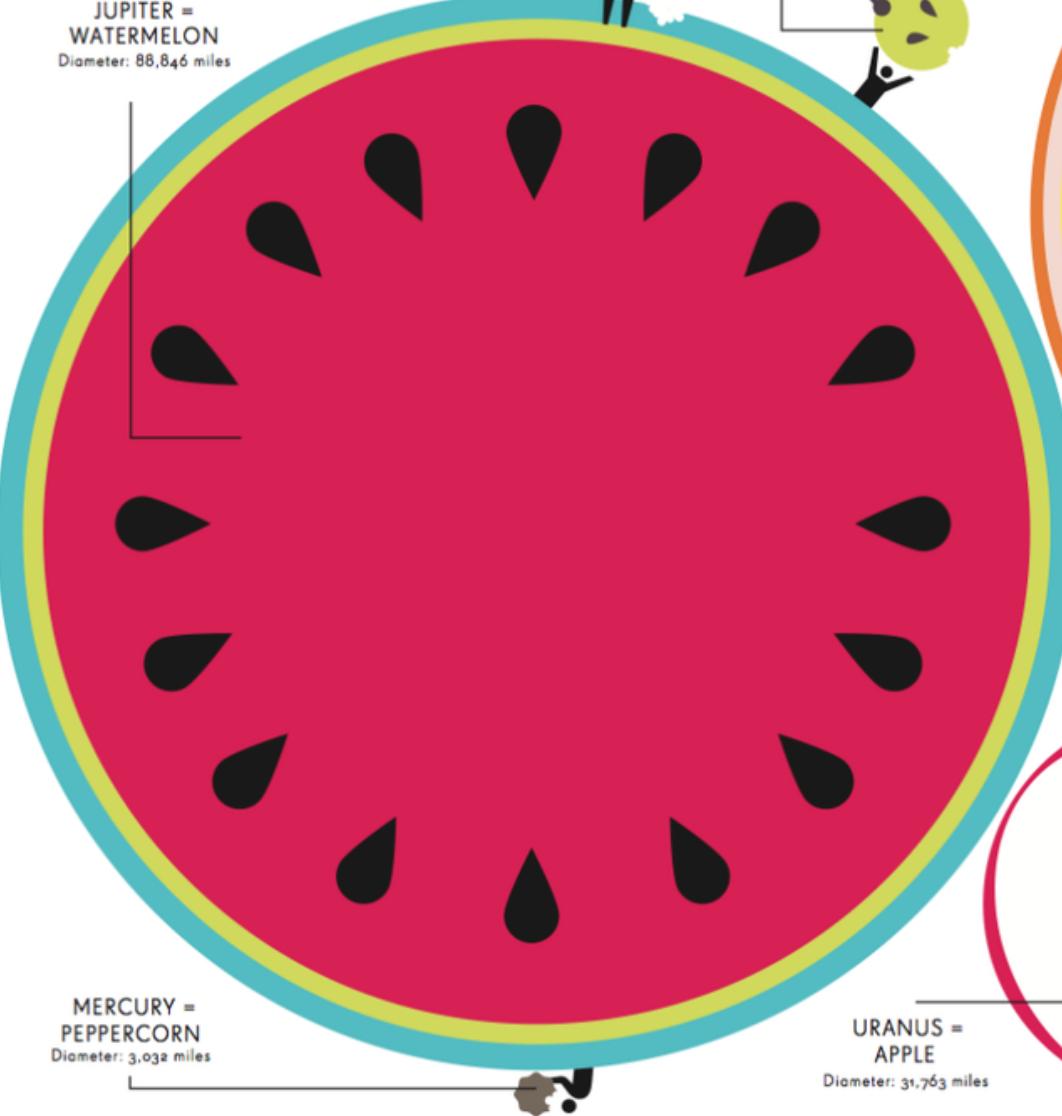




SPACE! A CHILDREN'S BOOK

IF THE PLANETS WERE FRUITS...

This is how our planets would compare in size if they were pieces of fruit.



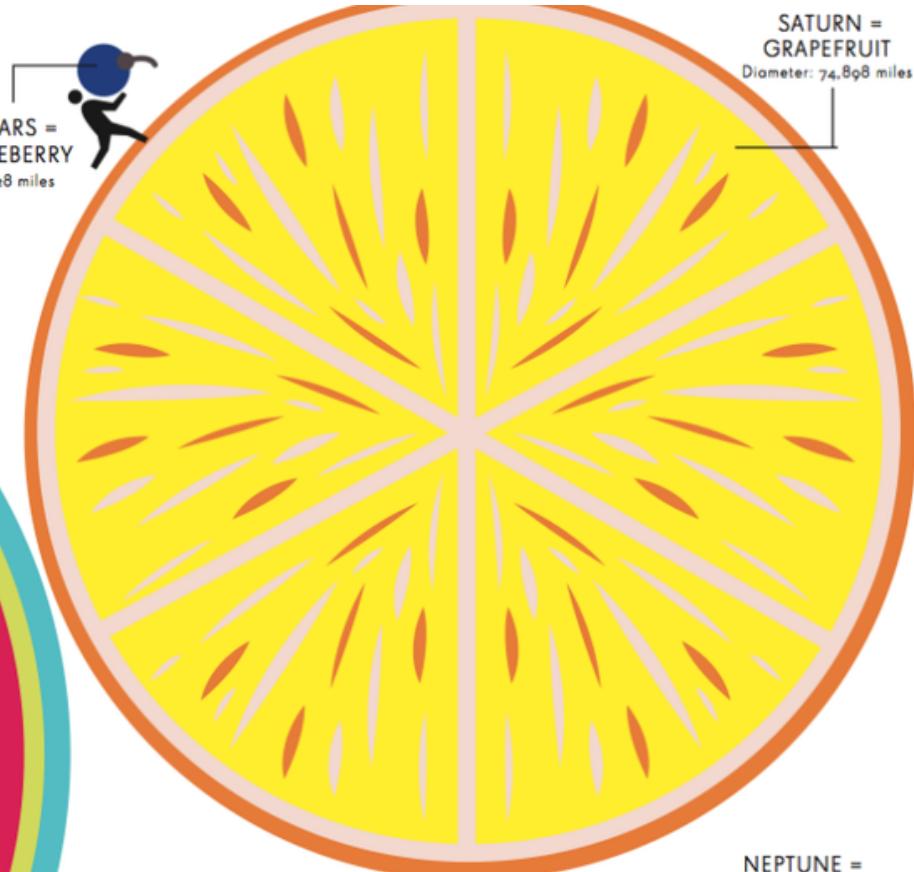
EARTH = GRAPE
Diameter: 7,926 miles



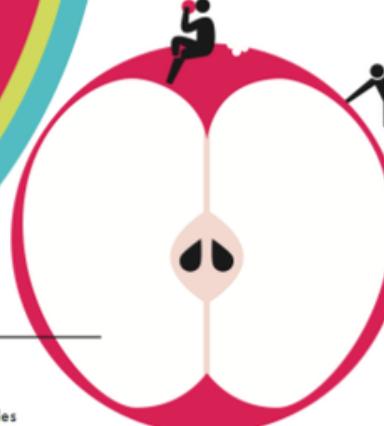
MARS = BLUEBERRY
4,228 miles



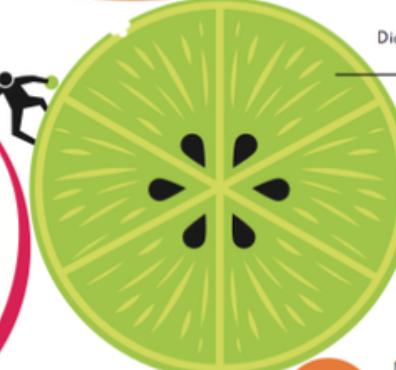
SATURN = GRAPEFRUIT
Diameter: 74,898 miles



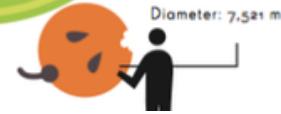
URANUS = APPLE
Diameter: 31,763 miles



NEPTUNE = LIME
Diameter: 30,775 miles



VENUS = CHERRY TOMATO
Diameter: 7,521 miles



THE SUN

The sun is the star at the centre of our solar system and is a ball of brightly burning gas, 1.4 million kilometres wide, held together by its own gravity. It contains 99.8% of the mass of the entire solar system. At 4.5 billion years old, it is a middle-aged star called a yellow dwarf.

CHARACTERISTIC MARKS

Sunspots

These temporary spots are created by intense magnetic activity, which reduces the temperature and makes the area visibly darker than their surroundings. They usually appear as pairs that have a north and south magnetic field.

Solar flares

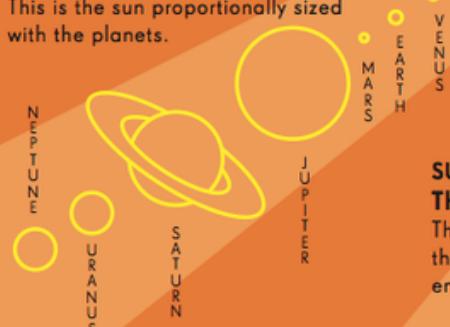
Bright solar flares shoot out from the sun's surface and release energy during magnetic storms.

Granulation

The mottled appearance of the sun's surface is known as granulation and is caused by currents of heat in the convective zone.

SUN SIZE

This is the sun proportionally sized with the planets.



SUN'S ATMOSPHERE

The photosphere

This is the only part of the sun visible with the naked eye, because here, the sun's energy is released into space as light.



INTERNAL PARTS OF THE SUN

The core

The core makes up about 25% of the sun and is where nuclear reactions consume hydrogen gases to create helium, releasing vast quantities of energy in the process in the form of gamma rays. The temperature here is about 15 million °C.

The radioactive zone

Gamma rays radiating from the core take hundreds of thousands of years to pass through this region because they bounce off so many other particles on their indirect path out, which is known as a random walk.

The convective zone

Forming the sun's outer shell, this area looks as though it is boiling as it transfers energy to the sun's atmosphere in the form of heat. At its surface, its temperature is about 5,000°C.

The chromosphere

This thin layer sits above the photosphere and can only be seen during a solar eclipse as a red ring around the sun.

The corona

Situated above the chromosphere, the pearly glow of these extremely hot gasses can only be seen during a solar eclipse.

ALL THE PLANETS IN THE SOLAR SYSTEM

MERCURY

The smallest planet – only slightly bigger than our moon. It experiences the most extreme variations in temperature, from 430°C to -180°C. The Sun appears three times bigger from here than from Earth.



A year on Mercury takes 88 Earth days.
A year on Venus takes 225 Earth days. Here one year is shorter than one day!

VENUS

Venus spins clockwise – backwards compared to Earth – and so the sun rises in the west and sets in the east. It rotates very slowly: one day on Venus is the equivalent of 243 on Earth! At 480°C, Venus is hotter than Mercury.



MARS

This rocky, mountainous planet has two moons: Phobos and Deimos.

Iron minerals in its soil and atmosphere make it appear red. Scientists are working to determine whether Mars has ever before – or might in the future – support life.



One day on Mars takes just over 24 hours. A year on Mercury takes 88 Earth days.

JUPITER

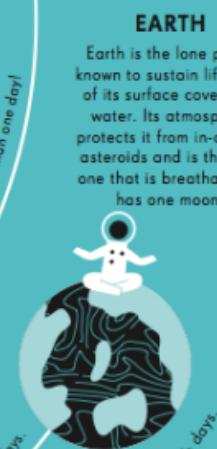
This gas giant is the solar system's largest planet and contains twice the material of all the other planets combined! It has 60 moons, including Ganymede, the largest in the solar system.



A Jupiter year is 12 Earth years. It spins fast – once every 10 hours – which creates high winds. Its 'red spot' is an enormous storm twice the width of Earth that has been raging for over 300 years.

ASTEROID BELT

Located between the orbits of Mars and Jupiter, this region contains most of the asteroids in the solar system.



EARTH

Earth is the lone planet known to sustain life. 70% of its surface covered in water. Its atmosphere protects it from in-coming asteroids and is the only one that is breathable. It has one moon.



One year on Earth takes 365 days.

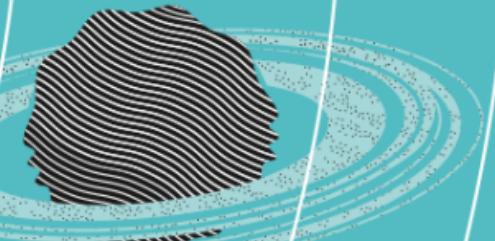
A year on Mercury takes 88 Earth days.

A Uranus year takes 84 Earth years. Its poles experience long dark winters lasting more than 20 years.



SATURN

This gas giant has at least 53 moons and seven rings, which are only about 10 metres thick. High winds – almost five times of those on Earth – give Saturn its gold and yellow bands. Its largest moon, Titan, is bigger than the planet Mercury.



URANUS

This ice giant is has 13 rings and spins on its side, in an anticlockwise motion similar to Venus.



NEPTUNE

Neptune, also an ice giant, was predicted to exist by astronomers before it could even be seen. Due to its elliptical orbit, at some points is further from the sun than dwarf planet, Pluto.



THE KUIPER BELT

A doughnut shaped ring, located just outside Neptune's orbit. Pluto, along with most of the short-period comets, is found here.

Why we're 95 per cent in the dark

Like the jellybeans on this page, the universe is mostly dark: 68 per cent consists of dark energy and 27 per cent dark matter, meaning that about 95 per cent of the universe is made of things we can't see and don't understand. The white jellybeans represent the small proportion of reality we do comprehend.

Fermilab, a particle physics centre near Chicago, has an actual jar of jellybeans to illustrate the depths of our cosmic ignorance.

Dark universe

What we know is that dark matter tends to pull the universe together while dark energy tends to push it apart

Observable cosmos

Everything we can see with our eyes and telescopes. This includes all intergalactic and interstellar gas and dust, stars, planets and life.

EMOJIS AT GOOGLE

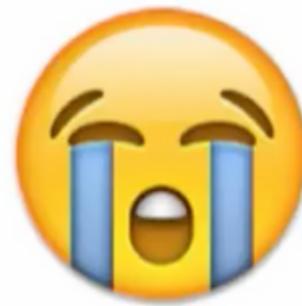


I'm
sad

Text

: , - (

Emoticons



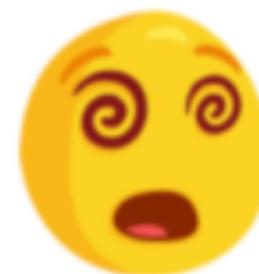
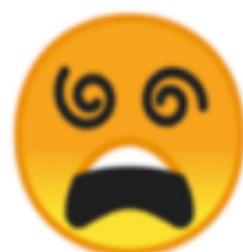
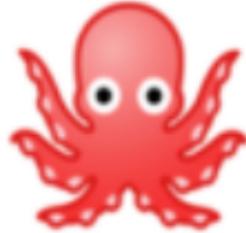
Emoji

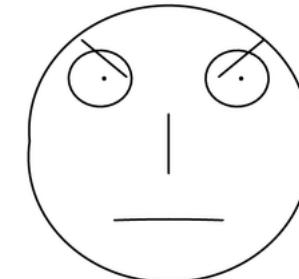
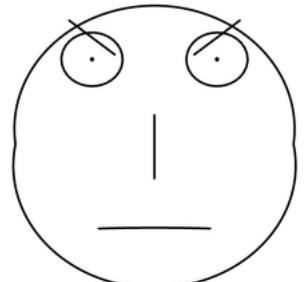
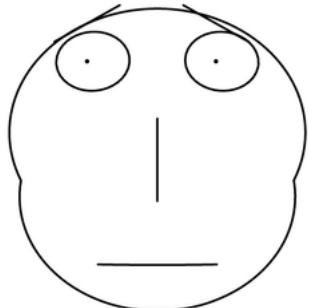
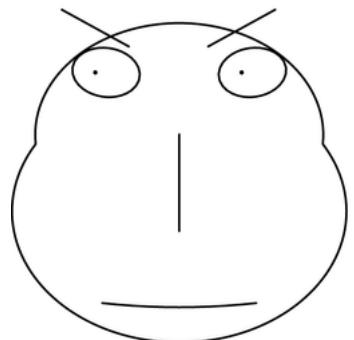
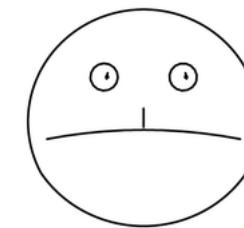
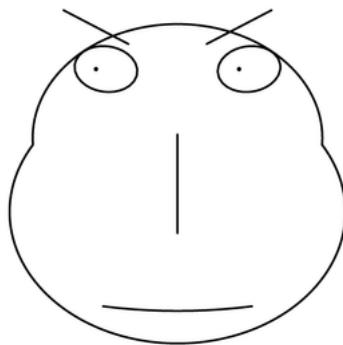
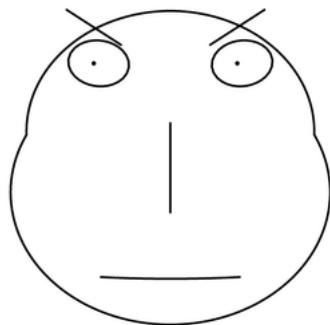
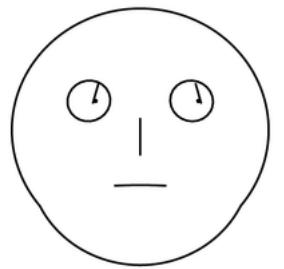
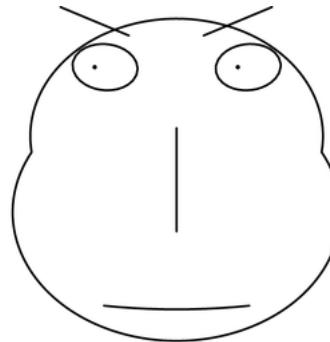
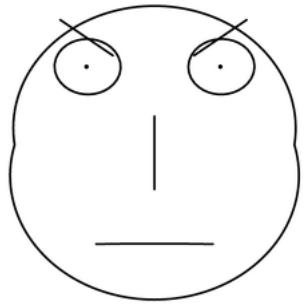
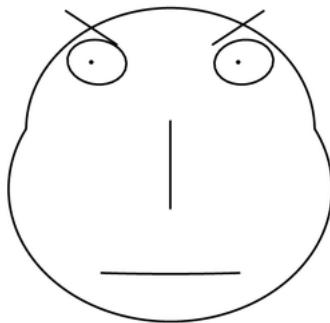
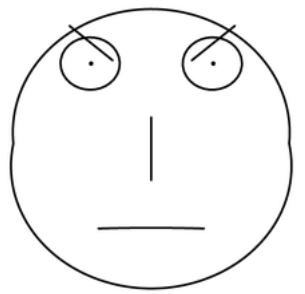


Tiny illustrations

FB

Apple Google Microsoft Messenger Samsung







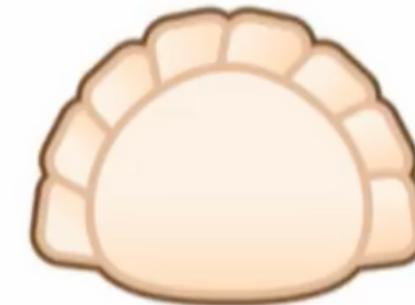
iOS



Emojipedia



Twitter



Emoji One

Family



Family
Man, woman, boy



Couple



Couple
Woman, man



jenniferxdaniel • Follow
The Cooper Union

jenniferxdaniel NEW EMOJIS. Well, technically yes and no they are new emojis - the codepoints already exist in the Unicode Standard and Google is the first vendor to support "gender ambiguous" family and "gender ambiguous" couple emojis. (Unicode guidelines recommend if a gender is not mentioned, then a gender-neutral or gender-inclusive display should be used.) So, very soon the heteronormative icon for family 🤗 will no longer be the default. The trick will be convincing other companies to adopt the same behavior.

A friend recently reassured me that it's a fools errand to think a single image can capture a spectrum of gender but we have to address it. It's just that any way you address it will be wrong ... And maybe that's OK? 😊 #emojaday



112 likes

JUNE 16

Add a comment...

...

The screenshot shows a digital communication platform. At the top is a small image of a bowl of salad. Below it is a message card with the following details:

Reported Issue, Assigned to _____

May 11, 2017 12:32PM ::

Version 1.35 of NotoColorEmoji.ttf modified the "Green Salad" emoji to include a hard boiled egg. I'd like to suggest that this should be replaced with a cucumber slice (or other plant food).

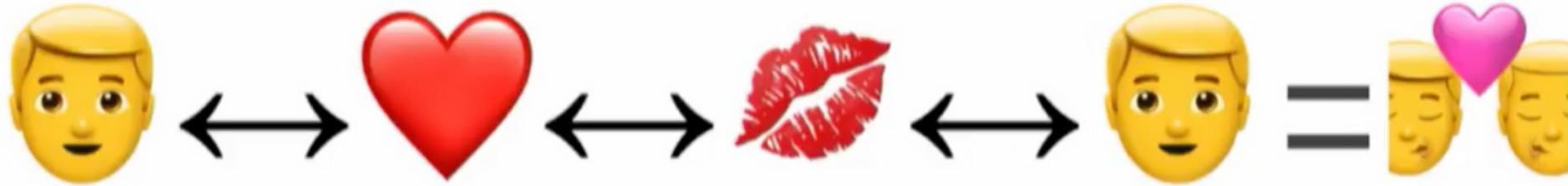
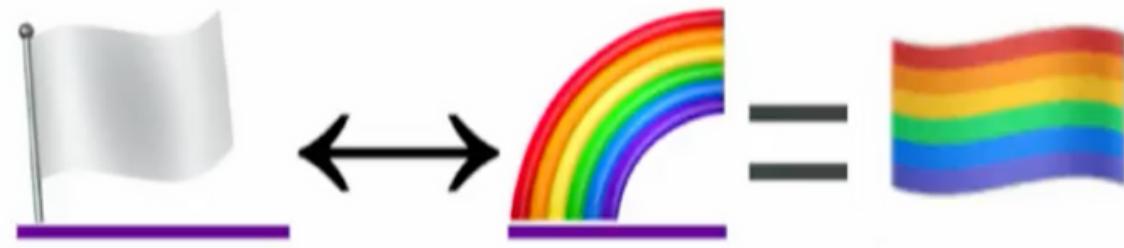
The Unicode description of this emoji is "A bowl of healthy salad, containing lettuce, tomato, and other salad items such as cucumber." So the inclusion of eggs is unnecessary.



Before



After





“a meta designer who designs a multidimensional design space that provides a user-friendly interface, enabling the user to become a co-designer, even when this user has no designer experience or no time to gain such experience through trial and error”

- Jos De Mul, Redesigning Design

What Does She Do Well?



1. Humanism

2. Humour/ Comedic Relief

It's a Man's Man's Man's World

How Silicon Valley became a place hostile and averse to women.

By JESSICA BENNETT

PERHAPS I'M LIVING the #MeToo moment too hard, but the review I want to write for Emily Chang's new book, "Brotopia: Breaking Up the Boys' Club in Silicon Valley," is more like a tweet: "Yeah, we know. Silicon Valley is sexist. Now what?"

"Brotopia" is a well-researched history of how Silicon Valley became a glorified frat house — beginning with a fascinating story about Lena Soderberg, a one-time Playboy centerfold, whose face and bare

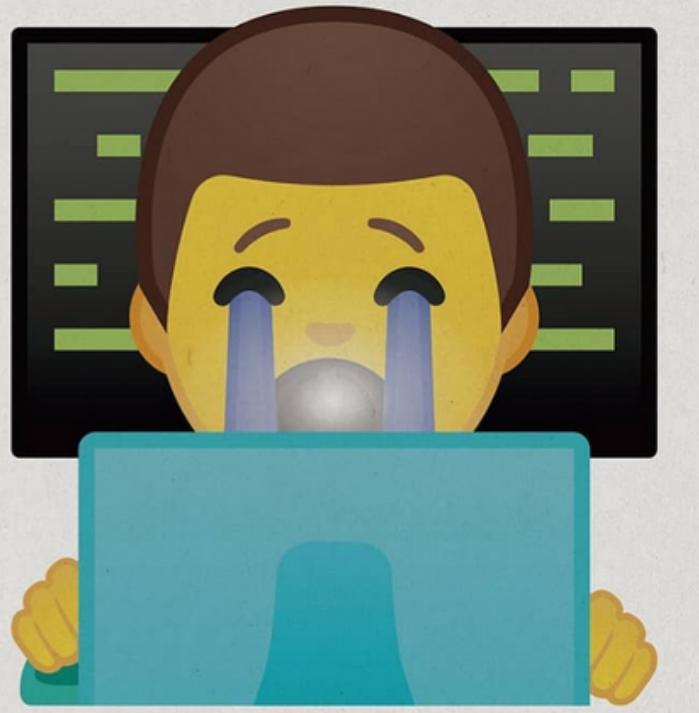
BROTOPIA
*Breaking Up the Boys' Club
in Silicon Valley*
By Emily Chang
320 pp. Portfolio. \$28.

shoulders became the benchmark for image processing quality.

Why was a Playboy centerfold the test case for the JPG? Nothing sinister, really. It was just that one of the University of Southern California graduate students working on the project, back in 1973, happened to have a copy of the magazine, and they needed a test image. Whether it might offend anyone never came up; there were no women in the room.

"Brotopia" also chronicles the oft-forgotten history of women in technology, from Ada Lovelace, who in the 1840s wrote the first line of computer code, to Grace Hopper, a mathematics Ph.D. and rear admiral in the United States Navy who, in 1944, programmed the computer that helped design atomic bombs.

Computing was so popular for women in the 1960s that it was the subject of a 1967 article in *Cosmopolitan* — in which the



JENNIFER DANIEL

trepreneurs. The fact that women's ideas are more harshly scrutinized, or that female engineers face 35 percent more rejections, as one data set found, of their code. It's a well-known venture capitalist, Chris Sacca, holding hot tub parties as a sort of litmus test to determine whether entrepreneurs an investor might fund could

pear to be now. "The exclusion of women didn't have to be the story of how we go here, and it certainly doesn't need to be our future," Chang writes.

Indeed, she points out, research has long found that companies with more women in leadership are more profitable — and also that their employees are more innovative



jenniferxdaniel • Follow

jenniferxdaniel Bless @matt.dorfman for giving me an excuse to create a white-man-loudly-crying-at-his-computer emoji for the New York Times book review. 🤦‍♂️💻

[View all 11 comments](#)

bennnyvasquez Oh, man. We need this emoji everywhere, immediately.



isabellawhitney 😂🙌



mrandrewhenesey Lol Did he eat a flashlight?



patrycja1113 So suck



246 likes

MARCH 27

Add a comment...

...



jenniferxdaniel • Follow

jenniferxdaniel Made a few men cry for this week's New York Times Sunday Book Review's WOMEN ISSUE

[View all 17 comments](#)

atribecalled_joni □ super cool work! 🙌



_filda @posedla_tmou

katiee_cee @claredesantisofficial
@jmehllypopz

patrycja1113 So suck



307 likes

MARCH 20

Add a comment...

...



Opinion

How the Midterms Made Us Feel: Afraid, Then Upset

By Sahil Chinoy, Jessia Ma and Ash Ngu

Throughout Election Day, we asked readers to add an emoji that captured their feelings to a live map, producing an emotional barometer of a difficult and divisive day that saw [record numbers head to the polls](#).

Across the country, readers were first anxious, as [storms along the Eastern Seaboard threatened to depress turnout](#) and [long lines at polling places](#) frustrated voters. As the first results were reported around 6 p.m. Eastern time, anxiety crested and the mood began to shift.

