The history of Astronomy
It all started with this thing: the Big Bang!

Or that is what we think now...
Some people refuse to believe in me anymore! They think that rationalism will be their answer to how the world is created!

They have found a stone, made by disbelievers, that has the first stars and constellations, and now they believe that more than me!

They call it "astronomy", of "ἀστρον" and "νόμος", law of the stars, but it has to be the law of Zeus! GRR GRR!!!
Babylonians were also busy. Because of the desert, there were few clouds, so nights were very good for stargazing.

I can see so many stars! My colleagues are also looking, what can they see?
Eratosthenes is smart enough to calculate the size of the earth, and he is very close to the truth...

I have heard that now in Syene, there is no shadow, and here I can measure the shadow of the tower in Alexandrië.

If I know the angle of the shadow, I will know the angle in difference between Alexandrië and Syene, and then I know the distance between those two cities.

That means I can calculate the circumference of the earth! I think it is 250 000 stadia!

That is around 39 500 km. The real circumference of the earth is 40 070 km!
During the Roman Empire science was booming business, but in the Middle Ages the church was not so happy with astronomy. Only Arrabics were doing research.

If I publish this manuscript, I will be punished by the church, perhaps I can flee to the Republic of the Netherlands, there I can work freely...

But I can’t leave my family! I have to wait until it is safe to publish.

Copernicus
The book is published, but the theory is not completely proven...

I am going to prove your theory!
And so in 1609

EUREKA!!!

Let's give a formula my name: the laws of Kepler!

I proved that the earth is circling around the sun! Planets are even moving faster when they are closer to the sun!
One year before in the Netherlands

I have made a huge magnifying glass!
And back in 1609

This telescope from the Republic of the Netherlands helps me see so many things!

Is that a crater on the moon?! And is the moon itself not shining but just reflecting?!

I can see the planets very good, but the stars are so far away! Does that mean the planets are circling around the sun, but the stars don't?
Pope: I condemn you to house arrest, for the rest of your life!

Man on floor: I am so sorry, Pope! I didn’t mean to upset you, please let me live! I beg you, I’ll even say that you are right!
The real revolution still has to begin. And it starts with...an apple?!
This apple proves my theory about gravity! Aristoteles was wrong, everything doesn't fall to its place to be, but just downwards!

I have to write this down, let's call the book: Philosophae Naturalis Principia Mathematica!
A jump in time: in 1915 Einstein proposed his theory of relativity. But due to the two World Wars that are going on, he moves to the USA. Here the president himself asks Einstein for a very special project...
My team has made a nuclear bomb, if you throw this on Japan or the Soviets, USA wins.

I also think we have to go to space. I want a man on the moon within 20 years!
This is NOT how science should be used! Now it is killing thousands of people! How horrific!
In my opinion we can do so many more things with science! Not just military or political stuff, I am going to make a lot of good things with science!

Hmmm, but the man on the moon-idea was kind of a good one, I'll pitch it to my students!
And so, science gets a literally kick-start! During the Space Race between Russia and the USA, science is again booming business.

In deserts rockets and satellites are launched with animals, people and astronauts.
The first people on the moon! Neil Armstrong and Edwin "Buzz" Aldrin on the moon, while Michael Collins stays in the spaceship.
In 1995 Michel Mayor discovers the first exoplanet, the very original name is "51 Pegasus b".

Sh*t guys! They've seen me!
Make sure to post all your photos with the hashtag #JeffBezos or #Amazon. Always keep your seatbelts on, if something happens, your money will not be returned.

Ladies and gentlemen, here is your captain speaking. If you look a little to the right, you can see Neptunus!

Nowadays there are vacation trips to space!
With new techniques we can do astronomy even when the weather is bad or on a bright and sunny day!

It is raining cats and dogs outside, but I can still look at the stars! I love this radiotelescope!

Don't you dare use your phone!
Sometimes there are bad ideas, or weird ones...

Party people in da house!!!

What do you say?! I can't hear you!

Let's make a song for in space!
However, these scenarios are still science-fiction...

Captain! If we land on Calliope, we will be in Jupiter's shadow for more than two years, the vegetables will die!

Soldier, you have to do what I say! We have to pick up a lot of gold on that moon!
We know for sure that it started with this, that we don't know everything about the universe and that it might end with this...