**Speaking Tournament 2017-2018**

**Theme: “From Galileo to Google”**

1. We owe a huge debt to Galileo for emancipating us all from the stupid belief in an Earth-centered or man-centered (let alone God-centered) system. He quite literally taught us our place and allowed us to go on to make extraordinary advances in knowledge.

--[Christopher Hitchens](file:///D%3A%5Cauthor%5Cshow%5C3956.Christopher_Hitchens)

1. Copernicus, Galileo, and Kepler did not solve an old problem, they asked a new question, and in doing so they changed the whole basis on which the old questions had been framed.

--[Ken Robinson](file:///D%3A%5Cauthor%5Cshow%5C43940.Ken_Robinson)

1. Misunderstood! It is a right fool's word. Is it so bad then to be misunderstood? Pythagoras was misunderstood, and Socrates, and Jesus, and Luther, and Copernicus, and Galileo, and Newton, and every pure and wise spirit that ever took flesh. To be great is to be misunderstood.

--[Ralph Waldo Emerson](file:///D%3A%5Cauthor%5Cshow%5C12080.Ralph_Waldo_Emerson), [Self-Reliance and Other Essays](file:///D%3A%5Cbook%5Cshow%5C123845.Self_Reliance_and_Other_Essays)

1. We cannot teach people anything; we can only help them discover it within themselves.

--Galileo Galilei

1. When something is important enough, you do it even if the odds are not in your favor. --Elon Musk
2. It does not matter how slowly you go as long as you do not stop.

--Confucius

1. Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.

--Thomas A. Edison

1. "I think it is possible for ordinary people to choose to be extraordinary."

-Elon Musk

1. "Failure is an option here. If things are not failing, you are not innovating enough."

--Elon Musk

1. "I don't believe in process. In fact, when I interview a potential employee and he or she says that 'it's all about the process,' I see that as a bad sign. The problem is that at a lot of big companies, process becomes a substitute for thinking. You're encouraged to behave like a little gear in a complex machine. Frankly, it allows you to keep people who aren't that smart, [who aren't that creative](https://www.inc.com/larry-kim/9-ways-to-dramatically-improve-your-creativity.html)."

--Elon Musk

1. "When somebody has a breakthrough innovation, it is rarely one little thing. Very rarely, is it one little thing. It's usually a whole bunch of things that collectively amount to a huge innovation."

--Elon Musk

1. "I always have optimism, but I'm realistic. It was not with the expectation of great success that I started Tesla or SpaceX... It's just that [I thought they were important](https://www.inc.com/larry-kim/8-success-factors-even-more-important-than-iq-infographic.html)enough to do anyway."

--Elon Musk

1. Remember to look up at the stars and not down at your feet. Try to make sense of what you see and wonder about what makes the universe exist. Be curious. And however difficult life may seem, there is always something you can do and succeed at.
It matters that you don't just give up.

--[Stephen Hawking](file:///D%3A%5Cauthor%5Cshow%5C1401.Stephen_Hawking)

1. We are just an advanced breed of monkeys on a minor planet of a very average star. But we can understand the Universe. That makes us something very special.

--[Stephen Hawking](file:///D%3A%5Cauthor%5Cshow%5C1401.Stephen_Hawking)

1. It surprises me how disinterested we are today about things like physics, space, the universe and philosophy of our existence, our purpose, our final destination. It’s a crazy world out there. Be curious.

--[Stephen Hawking](file:///D%3A%5Cauthor%5Cshow%5C1401.Stephen_Hawking)

1. I have noticed that even those who assert that everything is predestined and that we can change nothing about it still look both ways before they cross the street.

--[Stephen Hawking](file:///D%3A%5Cauthor%5Cshow%5C1401.Stephen_Hawking)

1. If time travel is possible, where are the tourists from the future?

--[Stephen Hawking](file:///D%3A%5Cauthor%5Cshow%5C1401.Stephen_Hawking), [A Brief History of Time](file:///D%3A%5Cbook%5Cshow%5C3869.A_Brief_History_of_Time)

1. There is no law except the law that there is no law.

John Archibald Wheeler

1. Shall I refuse my dinner because I do not fully understand the process of digestion?

Oliver Heaviside

1. Chemistry, unlike other sciences, sprang originally from delusions and superstitions, and was at its commencement exactly on a par with magic and astrology.

**THOMAS THOMSON, 1773 TO 1852** Chemist

1. Things are as they are because they were as they were.

**THOMAS GOLD, 1920 TO 2004** Astrophysicist

1. “I like the night. Without the dark, we'd never see the stars.”

― Stephenie Meyer, Twilight

1. “When he shall die,

Take him and cut him out in little stars,

And he will make the face of heaven so fine

That all the world will be in love with night

And pay no worship to the garish sun.”

― William Shakespeare, Romeo and Juliet (Shakespeare Collection)

1. “When it is dark enough, you can see the stars.”

― Ralph Waldo Emerson

1. “Dwell on the beauty of life. Watch the stars, and see yourself running with them.”

― Marcus Aurelius, Meditations

1. “The nitrogen in our DNA, the calcium in our teeth, the iron in our blood, the carbon in our apple pies were made in the interiors of collapsing stars. We are made of starstuff.”

― Carl Sagan, Cosmos

1. “The cosmos is within us. We are made of star-stuff. We are a way for the universe to know itself.”

― Carl Sagan

1. “I like the stars. It's the illusion of permanence, I think. I mean, they're always flaring up and caving in and going out. But from here, I can pretend...I can pretend that things last. I can pretend that lives last longer than moments. Gods come, and gods go. Mortals flicker and flash and fade. Worlds don't last; and stars and galaxies are transient, fleeting things that twinkle like fireflies and vanish into cold and dust. But I can pretend...”

― Neil Gaiman, Brief Lives

1. “Not just beautiful, though--the stars are like the trees in the forest, alive and breathing. And they're watching me.”

― Haruki Murakami, Kafka on the Shore

1. “Silently, one by one, in the infinite meadows of heaven,

Blossomed the lovely stars, the forget-me-nots of the angels.”

― Henry Wadsworth Longfellow, Evangeline: A Tale of Acadie

1. “A philosopher once asked, "Are we human because we gaze at the stars, or do we gaze at them because we are human?" Pointless, really..."Do the stars gaze back?" Now, that's a question.”

― Neil Gaiman, Stardust

1. “Do not complain beneath the stars about the lack of bright spots in your life.”

― Bjørnstjerne Bjørnson

1. “We all shine on...like the moon and the stars and the sun...we all shine on...come on and on and on...”

― John Lennon

1. “All we ever see of stars are their old photographs.”

― Alan Moore, Watchmen

1. “Non est ad astra mollis e terris via" - "There is no easy way from the earth to the stars”

― Seneca

1. “Happiness is always there. You just have to choose to see it. There's no point dwelling in the dark and ignoring the light of the stars.”

― Carrie Hope Fletcher

1. “Every great dream begins with a dreamer. Always remember, you have within you the strength, the patience, and the passion to reach for the stars to change the world.”

--Harriet Tubman

1. “The stars are the street lights of eternity.”
2. “We had the sky up there, all speckled with stars, and we used to lay on our backs and look up at them, and discuss about whether they were made or only just happened.”

--Mark Twain

1. “For my part I know nothing with any certainty, but the sight of the stars makes me dream.”

--Vincent van Gogh

1. “See how nature - trees, flowers, grass - grows in silence; see the stars, the moon and the sun, how they move in silence...we need silence to be able to touch souls.”

--Mother Teresa of Calcutta

1. “If people sat outside and looked at the stars each night, I'll bet they'd live a lot differently.”

--Bill Watterson

1. “Reach high, for stars lie hidden in your soul. Dream deep, for every dream precedes the goal.”

--Pamela Vaull Starr

1. “If the stars should appear but one night every thousand years how man would marvel and stare.”

--Ralph Waldo Emerson

1. “To be a star, you must shine your own light, follow your own path, and don't worry about the darkness, for that is when the stars shine brightest”
2. “I will love the light for it shows me the way, yet I will endure the darkness because it shows me the stars.”

--Og Mandino

1. “We are all in the gutter, but some of us are looking at the stars.”

--Oscar Wilde

1. “Dreams are like stars...you may never touch them, but if you follow them they will lead you to your destiny.”
2. “Aim for the stars and maybe you'll reach the sky”.
3. “A sky as pure as water bathed the stars and brought them out”

--Antoine de Saint-Exupery

1. “We can't all be stars, but we can all twinkle”.
2. “I met in the street a very poor young man who was in love. His hat was old, his coat worn, his cloak was out at the elbows, the water passed through his shoes, - and the stars through his soul.”

-Victor Hugo

1. “Shoot for the moon and if you miss you will still be among the stars.” (Les Brown, American Author, Entrepreneur and motivational speaker)
2. “Good friends are like stars.... You don't always see them, but you know they are always there”.
3. “We believe faith and freedom must be our guiding stars, for they show us truth, they make us brave, give us hope, and leave us wiser than we were.”

--Ronald Reagan

1. “It is the stars, The stars above us, govern our conditions”

--William Shakespeare

1. “Though my soul may set in darkness, It will rise in perfect light, I have loved the stars too fondly To be fearful of the night”

--Sarah Williams

1. “Keep your eyes on the stars, and your feet on the ground.”

--Theodore Roosevelt

1. “Two men look out the same prison bars; one sees mud and the other stars.”

--Frederick Langbridge

60. First, inevitably, the idea, the fantasy, the fairy tale. Then, scientific calculation. Ultimately, fulfillment crowns the dream.

— Konstantin Tsiolkovsky, 1926.

61. The sky is the ultimate art gallery just above us.

— attributed to Ralph Waldo Emerson

62. The oldest picture book in our possession is the midnight sky.

— E. W. Maunder, Nineteenth Century, September 1900.

63. The wonder is, not that the field of stars of so vast, but that man has measured it.

Anatole France, The Garden of Epicurus, 1894.

64. The Universe, so far as we can observe it, is a wonderful and immense engine; its extent, its order, its beauty, its cruelty, makes it alike impressive.

— George Santayana, The Life of Reason, 1916.

65. Equipped with his five senses, man explores the universe around him and calls the adventure Science.

— Edwin Hubble, The Nature of Science, 1954.

66. We need to have people up there who can communicate what it feels like, not just pilots and engineers.

— Buzz Aldrin (born Edwin Eugene Aldrin, Jr), quoted in The Real Mars, 2004

67. I had the ambition to not only go farther than man had gone before, but to go as far as it was possible to go.

— Captain Cook

68. It [the rocket] will free man from his remaining chains, the chains of gravity which still tie him to this planet. It will open to him the gates of heaven.

— Wernher von Braun, 'The Jupiter People,' Time magazine, 10 February 1958.

69. I think a future flight should include a poet, a priest and a philosopher … we might get a much better idea of what we saw.

— Michael Collins, 9 November 1969

70. Be humble for you are made of earth. Be noble for you are made of stars.

— Serbian proverb

71. Following the light of the sun, we left the Old World.

— Inscription on Columbus' caravels

72. Space is to place as eternity is to time.

— Joseph Joubert

 73. Every cubic inch of space is a miracle.

— Walt Whitman

74. Don't tell me that man doesn't belong out there. Man belongs wherever he wants to go - and he'll do plenty well when he gets there.

— Wernher von Braun, quoted in 'Space: Reach for the Stars',

Time magazine, 17 February 1958.

75. Man is an artifact designed for space travel. He is not designed to remain in his present biologic state any more than a tadpole is designed to remain a tadpole.

— William Burroughs, Civilian Defense, 1985

76. We are on a journey to keep an appointment with whatever we are.

— Gene Roddenberry

77. It's human nature to stretch, to go, to see, to understand. Exploration is not a choice, really; it's an imperative.

— Michael Collins

78. To go places and do things that have never been done before - that's what living is all about.

— Michael Collins

79. Found a more interesting job.

— unusual reason given by Sergei Krikalev for cosmonaut Yury Lonchakov deciding not to return to the ISS in 2015. Reported by RiaNovosti news, 5 September 2013

80. The flight experience itself is incredible. It’s addictive. It’s transcendent. It is a view of the grand plan of all things that is simply unforgettable.

— Scott Carpenter, astronaut. Interview with the Rocky Mountain News.

81. I wondered how I was ever going to get my work done because I just wanted to stay glued to the window.

— Richard Searfoss, astronaut, interview in The Guardian newspaper, 30 July 2013.

82. The human space program has existed in the collective unconscious of humanity since the dawn of awareness.

— Frank White, The Overview Effect: Space Exploration and Human Evolution, 1987.

83. The greatest gain from space travel consists in the extension of our knowledge. In a hundred years this newly won knowledge will pay huge and unexpected dividends.

— Wernher von Braun.

84. The sun, the moon and the stars would have disappeared long ago … had they happened to be within the reach of predatory human hands.

— Havelock Ellis, The Dance of Life, 1923.

85. We believe that when men reach beyond this planet, they should leave their national differences behind them.

— John F. Kennedy, news conference, 21 February 1962

86. No pessimist ever discovered the secret of the stars, or sailed to an uncharted land, or opened a new doorway for the human spirit.

— Helen Keller

87. We had the sky up there, and we used to lay on our backs and look up at them, and discuss whether they was made or just happened.

— Mark Twain

88. Every generation has the obligation to free men's minds for a look at new worlds … to look out from a higher plateau than the last generation.

— Ellison S. Onizuka, born in Kealakekua, Kona, was Hawaii's first astronaut and the first Asian American in space.

89. Of all investments into the future, the conquest of space demands the greatest efforts and the longest-term commitment … but it also offers the greatest reward: none less than a universe.

— Daniel Christlein

90. Many say exploration is part of our destiny, but it's actually our duty to future generations and their quest to ensure the survival of the human species.

— Buzz Aldrin (born Edwin Eugene Aldrin, Jr),

on the 37th Anniversary of the Apollo 11 Landing, July 2006

91. We're all in the gutter, but some of us are looking at the stars.

— Oscar Wilde, spoken by Lord Darlington in the play Lady Windermere's Fan, first performed on 22 February 1892, and published in 1893.

92. If women can be railroad workers in Russia, why can't they fly in space?

— Valentina Tereshkova (Валенти́на Влади́мировна Терешко́ва).

93. I can't remember a single time [my parents] ever told me not to do something I wanted to do.

— Sally Ride, quoted in L. Yount Women Aviators.

94. I have a hunch the most important reason we're going to space is not known now.

— Burt Rutan, Time magazine, 5 March 2007.

95. The next time I go into space, I'll be able to take my family with me.

— Kathryn Thornton, former NASA astronaut regards space tourism. 2006.

96. A man is the best computer available to place in a spacecraft … It is also the only one that can be mass produced with unskilled labor.

— attributed to Werner von Braun

97. Two things inspire me to awe — the starry heavens above and the moral universe within.

— Albert Einstein

98. In space, race doesn't matter, nationality doesn't matter. In space, you see the world as a globe and you don't see the boundaries.

— Maggie Aderin-Pocock, the new presenter for BBC's The Sky at Night.

Interview in The Guardian newspaper, 20 Janruary 2014.

99. It's beyond imagination until you actually get up and see it and experience it and feel it.

— Willie McCool

100. The regret on our side is, they used to say years ago, we are reading about you in science class. Now they say, we are reading about you in history class.

— Neil Armstrong, July 1999.

101. The universe is wider than our views of it.

— Henry David Thoreau, Walden, 1854.

102. This is a gathering of people who haven't lost their sense of wonder. We are here for the beauty.

— Bill Williams, amateur astronomer, regards building a house at the isolated

Chiefland Astronomy Village in Arizona, the New York Times, 8 June 2007.