

List of TED Selections / Most Viewed 360 Talks

corpus: http://www.mintap.com/talkies/list_of_selected360.pdf

search engine: <http://www.mintap.com/talkies/selected360.html>

embedded in Talkies: <http://www.mintap.com/talkies/talkies.html?selected360>

group: 10 groups; 36 videos each

MGJP: readability grade level (Mint Grade level for English learners in Japan)

VGL: vocabulary grade level for English learners in Japan

wpm: speech speed; words per minute

min: minute; duration of video

M: one million

Mint Phonetics Education Institute

TABUCHI, Ryuji

ミント音声教育研究所 田淵龍二

2017 / 8 / 24

2017 / 11 / 11, 2018 / 2 / 5, 2018 / 5 / 23 補筆

#	group	year	speaker	caption	MGJP	VGL	wpm	min	views
1	1	2006	Ken Robinson	Do schools kill creativity?	10.7	10.7	198	19	46M
2	1	2012	Amy Cuddy	Your body language shapes who you are	11.2	10.7	182	21	42M
3	1	2009	Simon Sinek	How great leaders inspire action	11.3	10.9	184	18	33M
4	1	2010	Brené Brown	The power of vulnerability	11.0	10.6	183	20	30M
5	1	2009	Mary Roach	10 things you didn't know about orgasm	11.0	11.0	163	16	22M
6	1	2008	Jill Bolte Taylor	My stroke of insight	11.8	10.9	163	18	20M
7	1	2013	Julian Treasure	How to speak so that people want to listen	10.5	10.7	185	10	20M
8	1	2006	Tony Robbins	Why we do what we do	10.5	10.8	213	21	20M
9	1	2015	James Veitch	This is what happens when you reply to spam email	10.0	10.3	212	9	19M
10	1	2012	Cameron Russell	Looks aren't everything. Believe me, I'm a model.	12.3	10.3	204	9	19M
11	1	2009	Dan Pink	The puzzle of motivation	11.1	11.7	163	18	18M
12	1	2012	Susan Cain	The power of introverts	13.1	10.8	187	19	17M
13	1	2011	Pamela Meyer	How to spot a liar	11.2	11.2	183	18	16M
14	1	2009	Pranav Mistry	The thrilling potential of SixthSense technology	12.0	10.9	190	13	16M
15	1	2011	Shawn Achor	The happy secret to better work	12.8	11.5	222	12	16M
16	1	2015	Robert Waldinger	What makes a good life? Lessons from the longest study on happiness	13.1	10.7	153	12	15M
17	1	2009	David Blaine	How I held my breath for 17 minutes	11.3	10.3	182	20	15M
18	1	2013	Apollo Robbins	The art of misdirection	9.1	10.0	226	8	15M
19	1	2004	Dan Gilbert	The surprising science of happiness	11.3	10.8	188	21	14M
20	1	2013	Kelly McGonigal	How to make stress your friend	11.9	11.7	163	14	14M

21	1	2016	Tim Urban	Inside the mind of a master procrastinator	11.8	10.5	196	14	14M
22	1	2007	David Gallo	Underwater astonishments	11.0	11.0	199	5	13M
23	1	2004	Keith Barry	Brain magic	9.6	10.2	218	19	13M
24	1	2009	Elizabeth Gilbert	Your elusive creative genius	12.7	11.4	190	19	13M
25	1	2009	Chimamanda Ngozi Adichie	The danger of a single story	13.0	11.0	173	18	12M
26	1	2006	Hans Rosling	The best stats you've ever seen	11.1	10.8	172	19	11M
27	1	2013	Angela Lee Duckworth	Grit The power of passion and perseverance	12.3	11.3	163	6	11M
28	1	2015	Monica Lewinsky	The price of shame	12.4	11.7	122	22	11M
29	1	2005	Richard St. John	8 secrets of success	9.7	10.0	197	3	10M
30	1	2011	Sarah Kay	If I should have a daughter ...	11.9	10.4	198	18	10M
31	1	2013	Esther Perel	The secret to desire in a long-term relationship	12.0	11.1	174	19	10M
32	1	2013	Raffaello D'Andrea	The astounding athletic power of quadcopters	12.5	11.4	198	16	10M
33	1	2005	Barry Schwartz	The paradox of choice	11.7	11.7	183	19	9.8M
34	1	2012	Jon Ronson	Strange answers to the psychopath test	11.0	10.7	177	17	9.8M
35	1	2009	Pattie Maes + Pranav Mistry	Meet the SixthSense interaction	14.2	11.9	152	8	9.7M
36	1	2012	Reggie Watts	Beats that defy boxes	11.5	10.3	150	9	9.2M
37	2	2008	Benjamin Zander	The transformative power of classical music	10.2	10.2	200	20	9.2M
38	2	2006	Helen Fisher	Why we love, why we cheat	11.5	11.0	174	23	9.1M
39	2	2013	Hyeonseo Lee	My escape from North Korea	11.9	10.9	156	12	9M
40	2	2013	Amanda Palmer	The art of asking	11.8	10.4	175	13	8.9M
41	2	2013	Meg Jay	Why 30 is not the new 20	12.1	10.6	171	14	8.9M
42	2	2015	Daniel Levitin	How to stay calm when you know you'll be stressed	12.8	10.9	192	12	8.8M
43	2	2013	Maysoon Zayid	I got 99 problems ... palsy is just one	11.5	10.1	166	14	8.7M
44	2	2011	Matt Cutts	Try something new for 30 days	11.0	10.1	182	3	8.7M
45	2		Steve Jobs	How to live before you die					8.7M
46	2	2008	Stephen Hawking	Questioning the universe	12.8	13.0	148	10	8.6M
47	2	2005	Arthur Benjamin	A performance of "Mathemagic"	9.7	10.3	178	15	8.3M
48	2	2013	Tom Thum	The orchestra in my mouth	11.2	11.0	137	11	8.2M
49	2	2015	Celeste Headlee	10 ways to have a better conversation	11.3	10.6	190	11	8.1M
50	2	2015	Esther Perel	Rethinking infidelity ... a talk for anyone who has ever loved	12.2	12.0	152	21	8M
51	2	2012	Andy Puddicombe	All it takes is 10 mindful minutes	11.9	10.8	185	9	7.9M
52	2	2011	Yves Rossy	Fly with the Jetman	9.8	10.6	160	13	7.8M
53	2	2012	Maz Jobrani	A Saudi, an Indian and an Iranian walk into a Qatari bar ...	9.8	9.9	211	7	7.9M
54	2	2015	Judson Brewer	A simple way to break a bad habit	12.2	11.5	180	9	7.8M
55	2	2012	Brené Brown	Listening to shame	10.8	10.7	179	20	7.8M
56	2	2015	Johann Hari	Everything you think you know about addiction is wrong	12.7	11.0	212	14	7.6M
57	2	2010	Jamie Oliver	Teach every child about food	10.3	10.8	182	21	7.5M
58	2	2011	David Christian	The history of our world in 18 minutes	11.9	12.5	156	17	7.4M
59	2	2014	Hugh Herr	The new bionics that let us run, climb and dance	12.2	12.2	159	18	7.4M
60	2	2010	Sheryl Sandberg	Why we have too few women leaders	11.7	10.2	199	15	7.3M
61	2	2013	Rita Pierson	Every kid needs a champion	10.2	10.2	174	7	7.2M
62	2	2013	BLACK	My journey to yo-yo mastery	10.5	10.9	124	9	7.2M

63	2	2004	Matthieu Ricard	The habits of happiness	11.4	11.3	163	21	7.2M
64	2	2010	Ken Robinson	Bring on the learning revolution!	11.0	11.1	188	17	7.1M
65	2	2013	Andrew Solomon	Depression, the secret we share	12.8	11.0	183	29	7.1M
66	2	2004	Malcolm Gladwell	Choice, happiness and spaghetti sauce	11.3	10.3	189	17	6.9M
67	2	2014	Louie Schwartzberg	Hidden miracles of the natural world	12.4	12.4	162	7	6.9M
68	2	2011	Ric Elias	3 things I learned while my plane crashed	10.4	10.1	194	4	6.5M
69	2	2013	Ken Robinson	How to escape education's death valley	11.1	11.7	172	19	6.5M
70	2	2014	Simon Sinek	Why good leaders make you feel safe	12.2	11.6	169	12	6.5M
71	2	2013	Russell Foster	Why do we sleep?	11.6	11.7	172	21	6.4M
72	2	2014	Carol Dweck	The power of believing that you can improve	11.8	12.3	105	10	6.4M
73	3	2010	Derek Sivers	How to start a movement	10.9	10.2	205	3	6.3M
74	3	2011	Thomas Suarez	A 12-year-old app developer	12.9	10.4	156	4	6.3M
75	3	2011	Markus Fischer	A robot that flies like a bird	11.2	10.8	141	5	6.2M
76	3	2013	Amy Webb	How I hacked online dating	12.3	10.4	196	17	6.2M
77	3	2016	Adam Grant	The surprising habits of original thinkers	11.7	11.0	193	15	6.2M
78	3	2005	Terry Moore	How to tie your shoes	10.7	10.0	190	3	6.2M
79	3	2016	Kang Lee	Can you really tell if a kid is lying?	11.2	11.9	145	13	6.2M
80	3	2004	Ze Frank	Nerdcare comedy	10.8	11.1	173	19	6.1M
81	3	2012	Jane McGonigal	The game that can give you 10 extra years of life	11.8	11.2	186	19	6.1M
82	3	2015	BJ Miller	What really matters at the end of life	11.8	11.1	152	19	6M
83	3	2010	Alexander Tsiaras	Conception to birth -- visualized	13.5	11.7	174	9	6M
84	3	2011	Larry Smith	Why you will fail to have a great career	10.3	11.1	159	15	5.8M
85	3	2013	David Steindl-Rast	Want to be happy? Be grateful	11.3	11.1	138	14	5.8M
86	3	2008	Philip Zimbardo	The psychology of evil	11.0	12.0	199	23	5.8M
87	3	2009	Alain de Botton	A kinder, gentler philosophy of success	12.0	11.8	202	16	5.7M
88	3	2003	Seth Godin	How to get your ideas to spread	11.5	10.5	196	17	5.5M
89	3	2008	Johnny Lee	Free or cheap Wii Remote hacks	13.1	11.5	201	5	5.4M
90	3	2011	Marco Tempest	The magic of truth and lies (and iPods)	9.8	11.4	140	5	5.4M
91	3	2006	Michael Shermer	Why people believe weird things	11.1	10.7	197	13	5.3M
92	3	2016	James Veitch	The agony of trying to unsubscribe	10.6	10.3	190	7	5.3M
93	3	2012	Dan Ariely	What makes us feel good about our work?	11.9	10.8	192	20	5.2M
94	3	2011	Julian Treasure	5 ways to listen better	11.0	10.9	171	7	5.2M
95	3	2013	Shane Koyczan	To This Day ... for the bullied and beautiful	11.6	10.4	203	11	5.2M
96	3	2013	May El-Khalil	Making peace is a marathon	12.5	10.9	126	10	5.1M
97	3	2013	Sleepy Man Banjo Boys	Bluegrass virtuosity from ... New Jersey?	10.1	9.8	176	6	5.1M
98	3	2017	Elon Musk	The future we're building -- and boring	11.4	11.3	166	41	5.1M
99	3	2009	Beau Lotto	Optical illusions show how we see	10.4	10.8	189	16	4.9M
100	3	2014	Guy Winch	Why we all need to practice emotional first aid	11.8	11.1	153	17	4.9M
101	3	2012	Candy Chang	Before I die I want to ...	12.2	10.7	172	6	4.8M
102	3	2008	Dan Ariely	Are we in control of our own decisions?	11.0	11.2	201	17	4.8M
103	3	2014	Ruth Chang	How to make hard choices	12.4	11.8	145	14	4.8M
104	3	2010	Jason Fried	Why work doesn't happen at work	11.6	10.2	205	15	4.8M

105	3	2001	John Wooden	The difference between winning and succeeding	11.6	10.6	191	17	4.8M
106	3	2013	David Pogue	10 top time-saving tech tips	11.1	10.3	203	5	4.8M
107	3	2008	Helen Fisher	The brain in love	11.9	11.1	171	15	4.8M
108	3	2014	Shai Reshef	An ultra-low-cost college degree	12.3	12.5	123	11	4.7M
109	4	2007	Blaise Agüera y Arcas	How PhotoSynth can connect the world's images	12.6	11.3	196	7	4.7M
110	4	2012	Scott Dinsmore	How to find work you love	12.3	10.4	223	18	4.7M
111	4	2010	Adora Svita	What adults can learn from kids	12.1	11.6	176	8	4.7M
112	4	2014	Andrew Solomon	How the worst moments in our lives make us who we are	13.3	11.5	139	20	4.7M
113	4	2012	Joshua Foer	Feats of memory anyone can do	12.3	11.0	166	20	4.7M
114	4	2014	Bel Pesce	5 ways to kill your dreams	11.0	11.1	169	6	4.6M
115	4	2014	Chris Hadfield	What I learned from going blind in space	13.1	10.7	167	18	4.6M
116	4	2011	Ron Gutman	The hidden power of smiling	13.8	11.9	162	7	4.6M
117	4	2010	Maz Jobrani	Did you hear the one about the Iranian-American?	9.8	10.0	231	9	4.6M
118	4	2010	Derek Sivers	Keep your goals to yourself	11.6	11.5	197	3	4.5M
119	4	2016	Laura Vanderkam	How to gain control of your free time	11.6	10.6	200	12	4.6M
120	4	2011	Sal Khan	Let's use video to reinvent education	11.9	10.8	200	20	4.5M
121	4	2015	Greg Gage	How to control someone else's arm with your brain	10.9	10.1	208	6	4.5M
122	4	2015	Roman Mars	Why city flags may be the worst-designed thing you've never noticed	11.3	10.7	169	18	4.5M
123	4	2010	Jane McGonigal	Gaming can make a better world	12.2	11.5	197	20	4.5M
124	4	2013	Jack Andraka	A promising test for pancreatic cancer ... from a teenager	12.8	11.3	181	10	4.5M
125	4	2006	Jeff Han	The radical promise of the multi-touch interface	11.8	10.7	206	8	4.5M
126	4	2014	Zak Ebrahim	I am the son of a terrorist. Here's how I chose peace.	13.5	11.1	155	9	4.5M
127	4	2013	Diana Nyad	Never, ever give up	11.8	10.6	147	15	4.5M
128	4	2013	Elon Musk	The mind behind Tesla, SpaceX, SolarCity ...	11.7	12.0	175	21	4.5M
129	4	2015	Sandrine Thuret	You can grow new brain cells. Here's how	12.1	11.6	158	11	4.4M
130	4	2012	Daphne Bavelier	Your brain on video games	11.7	11.1	164	18	4.4M
131	4	2014	Simon Anholt	Which country does the most good for the world?	13.0	11.3	182	18	4.4M
132	4	2008	Mike Rowe	Learning from dirty jobs	11.1	10.6	184	20	4.4M
133	4	2015	Emilie Wapnick	Why some of us don't have one true calling	11.9	11.4	167	12	4.3M
134	4	2002	Richard Dawkins	Militant atheism	12.8	12.4	154	29	4.3M
135	4	2011	Jenna McCarthy	What you don't know about marriage	12.4	11.5	152	11	4.3M
136	4	2007	Gever Tulley	5 dangerous things you should let your kids do	12.1	11.2	156	9	4.3M
137	4	2010	Temple Grandin	The world needs all kinds of minds	11.4	10.7	200	19	4.3M
138	4	2017	Shah Rukh Khan	Thoughts on humanity, fame and love	11.8	11.0	178	18	4.3M
139	4	2013	Arthur Benjamin	The magic of Fibonacci numbers	11.5	10.8	157	6	4.3M
140	4	2012	David Kelley	How to build your creative confidence	11.9	10.6	166	11	4.3M
141	4	2010	Bill Gates	Innovating to zero!	12.3	11.3	167	27	4.3M
142	4	2014	Hannah Fry	The mathematics of love	13.4	11.6	172	17	4.2M
143	4	2009	Jay Walker	The world's English mania	9.7	10.2	134	4	4.2M
144	4	2013	Dan Pallotta	The way we think about charity is dead wrong	13.3	12.1	185	18	4.2M
145	5	2012	Vijay Kumar	Robots that fly ... and cooperate	12.0	11.4	180	16	4.2M
146	5	2010	Arianna Huffington	How to succeed? Get more sleep	12.3	10.3	153	4	4.2M

147	5	2017	Megan Phelps-Roper	I grew up in the Westboro Baptist Church. Here's why I left	13.0	11.8	189	15	4.2M
148	5	2009	Oliver Sacks	What hallucination reveals about our minds	11.0	10.9	144	18	4.1M
149	5	2005	Lennart Green	Close-up card magic with a twist	8.8	10.3	128	31	4.1M
150	5	2013	Allan Savory	How to fight desertification and reverse climate change	13.0	11.6	134	22	4.1M
151	5	2004	Martin Seligman	The new era of positive psychology	11.9	11.8	145	23	4.1M
152	5	2003	Evelyn Glennie	How to truly listen	11.4	11.2	138	27	4.1M
153	5	2014	Takaharu Tezuka	The best kindergarten you've ever seen	9.6	10.1	123	9	4.1M
154	5	2010	William Li	Can we eat to starve cancer?	12.9	12.2	178	20	4.1M
155	5	2012	Colin Stokes	How movies teach manhood	11.9	10.6	151	13	4.1M
156	5	2005	Brian Greene	Making sense of string theory	12.8	11.9	176	19	4M
157	5	2013	Sandra Aamodt	Why dieting doesn't usually work	12.8	11.2	148	12	4M
158	5	2016	Brian Little	Who are you, really? The puzzle of personality	11.4	11.3	151	15	4M
159	5	2014	Ze Frank	Are you human?	11.4	10.5	127	4	4M
160	5	2008	Paul Stamets	6 ways mushrooms can save the world	11.9	11.8	164	17	4M
161	5	2012	Ramesh Raskar	Imaging at a trillion frames per second	12.6	10.8	164	10	4M
162	5	2013	Eleanor Longden	The voices in my head	14.0	12.1	177	14	4M
163	5	2014	Edward Snowden	Here's how we take back the Internet	13.1	11.3	154	35	4M
164	5	2011	Eli Pariser	Beware online "filter bubbles"	12.5	10.5	169	9	4M
165	5	2012	Sherry Turkle	Connected, but alone?	11.7	10.9	133	19	4M
166	5	2013	Andrew Solomon	Love, no matter what	13.1	11.0	171	23	4M
167	5	2007	Theo Jansen	My creations, a new form of life	10.4	9.8	154	8	3.9M
168	5	2011	Kathryn Schulz	On being wrong	12.1	11.0	157	17	3.9M
169	5	2004	Mihaly Csikszentmihalyi	Flow, the secret to happiness	13.4	11.6	126	19	3.9M
170	5	2010	Steven Johnson	Where good ideas come from	13.0	11.1	203	17	3.9M
171	5	2007	VS Ramachandran	3 clues to understanding your brain	11.6	11.5	193	23	3.8M
172	5	2014	Jamila Lyiscott	3 ways to speak English	19.6	10.7	161	4	3.8M
173	5	2012	Diane Kelly	What we didn't know about penis anatomy	13.0	11.6	171	11	3.8M
174	5	2016	Thordis Elva and Tom Stranger	Our story of rape and reconciliation	12.8	11.3	170	19	3.8M
175	5	2012	Leslie Morgan Steiner	Why domestic violence victims don't leave	12.9	10.7	144	16	3.8M
176	5	2010	Daniel Kahneman	The riddle of experience vs. memory	12.4	11.2	160	20	3.8M
177	5	2010	Tom Wujec	Build a tower, build a team	11.5	11.1	180	6	3.8M
178	5	2012	Yann Dall'Aglio	Love -- you're doing it wrong	11.7	13.7	119	10	3.8M
179	5	2007	Mark Bittman	What's wrong with what we eat	11.5	11.2	167	20	3.8M
180	5	2010	Nigel Marsh	How to make work-life balance work	11.5	10.8	157	10	3.7M
181	6	2013	Edith Widder	How we found the giant squid	13.6	11.2	153	8	3.7M
182	6	2014	Clint Smith	The danger of silence	13.0	10.5	188	4	3.7M
183	6	2006	Julia Sweeney	Letting go of God	11.7	10.0	204	16	3.7M
184	6	2012	Bryan Stevenson	We need to talk about an injustice	11.4	11.2	197	23	3.7M
185	6	2007	Isabel Allende	Tales of passion	11.5	11.2	178	18	3.7M
186	6	2015	Bill Gross	The single biggest reason why startups succeed	12.2	11.0	208	6	3.7M
187	6	2011	Graham Hill	Less stuff, more happiness	11.0	11.0	153	5	3.7M

188	6	2011	Kevin Slavin	How algorithms shape our world	12.0	10.5	167	15	3.6M
189	6	2014	Jeff Iliff	One more reason to get a good night's sleep	14.6	11.9	164	11	3.6M
190	6	2005	Dan Gilbert	Why we make bad decisions	12.0	11.1	199	33	3.6M
191	6	2011	Erik Johansson	Impossible photography	12.0	12.1	149	6	3.6M
192	6	2014	Hans and Ola Rosling	How not to be ignorant about the world	10.9	11.1	157	19	3.6M
193	6	2011	Louie Schwartzberg	Nature. Beauty. Gratitude.	12.3	10.8	121	9	3.6M
194	6	2009	Richard St. John	Success is a continuous journey	10.2	10.2	199	4	3.6M
195	6	2011	Bunker Roy	Learning from a barefoot movement	10.3	10.4	158	18	3.6M
196	6	2013	Roselinde Torres	What it takes to be a great leader	13.7	12.0	128	9	3.6M
197	6	2013	Malcolm Gladwell	The unheard story of David and Goliath	12.4	10.9	164	15	3.6M
198	6	2014	Elizabeth Gilbert	Success, failure and the drive to keep creating	13.9	11.0	211	7	3.5M
199	6	2014	Meaghan Ramsey	Why thinking you're ugly is bad for you	12.0	11.4	147	12	3.5M
200	6	2009	Michael Pritchard	How to make filthy water drinkable	9.8	10.3	139	9	3.5M
201	6	2011	Michael Norton	How to buy happiness	11.9	10.2	244	11	3.5M
202	6	2012	Mark Applebaum	The mad scientist of music	12.5	11.0	189	16	3.5M
203	6	2007	J.J. Abrams	The mystery box	10.1	10.8	212	18	3.4M
204	6	2011	Frans de Waal	Moral behavior in animals	11.8	11.0	200	16	3.5M
205	6	2009	Aimee Mullins	My 12 pairs of legs	12.0	11.0	159	10	3.4M
206	6	2016	Adam Grant	Are you a giver or a taker?	12.2	11.1	211	13	3.4M
207	6	2010	Stacey Kramer	The best gift I ever survived	10.0	11.1	127	3	3.4M
208	6	2011	Eric Whitacre	A virtual choir 2,000 voices strong	11.1	10.2	160	14	3.4M
209	6	2015	Genevieve von Petzinger	Why are these 32 symbols found in ancient caves all over Europe?	13.9	11.2	171	12	3.4M
210	6	2010	Sam Harris	Science can answer moral questions	13.0	12.0	166	23	3.4M
211	6	2013	Susan Colantuono	The career advice you probably didn't get	14.8	12.2	140	14	3.3M
212	6	2015	Jia Jiang	What I learned from 100 days of rejection	10.4	10.4	197	15	3.3M
213	6	2014	Dan Gilbert	The psychology of your future self	12.4	11.5	176	6	3.3M
214	6	2007	Rives	The 4 a.m. mystery	12.1	10.6	173	8	3.3M
215	6	2010	Julia Sweeney	It's time for "The Talk"	9.9	9.8	189	5	3.3M
216	6	2012	John Green	The nerd's guide to learning everything online	12.9	11.1	196	18	3.3M
217	7	2015	Suki Kim	This is what it's like to go undercover in North Korea	11.8	10.9	151	12	3.3M
218	7	2015	Elora Hardy	Magical houses, made of bamboo	11.7	11.0	152	10	3.3M
219	7	2013	Elizabeth Loftus	How reliable is your memory?	13.2	11.8	139	17	3.3M
220	7	2012	Brian Greene	Is our universe the only universe?	13.5	13.0	151	21	3.3M
221	7		Bobby McFerrin	Watch me play ... the audience!					3.2M
222	7	2016	Reshma Saujani	Teach girls bravery, not perfection	12.4	10.9	165	12	3.2M
223	7	2012	Usman Riaz + Preston Reed	A young guitarist meets his hero	10.8	9.6	184	2	3.2M
224	7	2009	Barry Schwartz	Our loss of wisdom	11.5	11.5	151	20	3.2M
225	7	2012	Joe Smith	How to use a paper towel	9.1	11.6	109	4	3.2M
226	7	2005	Aubrey de Grey	A roadmap to end aging	12.4	11.9	215	22	3.2M
227	7	2012	Terry Moore	Why is 'x' the unknown?	12.4	11.0	144	4	3.2M
228	7	2007	Hans Rosling	New insights on poverty	10.9	11.0	184	18	3.2M
229	7	2012	Elyn Saks	A tale of mental illness -- from the inside	11.4	11.3	186	15	3.2M

230	7	2014	Isabel Allende	How to live passionately—no matter your age	10.0	10.9	131	8	3.2M
231	7	2013	Paul Piff	Does money make you mean?	13.5	11.8	153	16	3.2M
232	7	2006	Al Gore	Averting the climate crisis	11.6	11.6	160	16	3.1M
233	7	2016	Julia Galef	Why you think you're right -- even if you're wrong	12.7	12.0	171	11	3.1M
234	7	2012	Taylor Wilson	Yup, I built a nuclear fusion reactor	12.0	11.0	176	3	3.1M
235	7	2016	Adam Galinsky	How to speak up for yourself	11.2	11.7	176	15	3.1M
236	7	2013	Yves Morieux	As work gets more complex, 6 rules to simplify	11.4	13.0	144	12	3.1M
237	7	2012	Margaret Heffernan	Dare to disagree	12.4	11.8	138	12	3.1M
238	7	2014	Emily Balcetis	Why some people find exercise harder than others	12.9	11.5	163	14	3.1M
239	7	2014	Geena Rocero	Why I must come out	11.8	10.8	145	10	3.1M
240	7	2013	Lisa Bu	How books can open your mind	10.9	11.6	137	6	3.1M
241	7	2015	Regina Hartley	Why the best hire might not have the perfect resume	12.3	12.9	133	10	3.1M
242	7	2009	Dan Buettner	How to live to be 100+	11.9	11.1	168	19	3.1M
243	7	2016	Shonda Rhimes	My year of saying yes to everything	10.4	10.3	190	18	3.1M
244	7	2014	Bill and Melinda Gates	Why giving away our wealth has been the most satisfying thing we've done	12.0	10.9	185	25	3.1M
245	7	2009	Kamal Meattle	How to grow fresh air	13.3	10.9	156	4	3M
246	7	2006	Rick Warren	A life of purpose	10.8	10.8	188	21	3M
247	7	2010	Sheena Iyengar	The art of choosing	12.5	12.2	152	24	3M
248	7	2008	Brian Cox	CERN's supercollider	11.8	11.7	183	14	3M
249	7	2010	Drew Dudley	Everyday leadership	13.0	10.0	250	6	3M
250	7	2012	Frank Warren	Half a million secrets	11.4	10.2	153	11	3M
251	7	2015	Mandy Len Catron	Falling in love is the easy part	12.8	10.8	159	14	3M
252	7	2013	ShaoLan	Learn to read Chinese ... with ease!	10.2	10.2	135	6	3M
253	8		Pilobolus	A dance of "Symbiosis"					3M
254	8	2014	Mark Ronson	How sampling transformed music	12.3	10.6	185	17	3M
255	8	2013	Pico Iyer	Where is home?	12.8	10.5	166	14	3M
256	8	2014	Nadine Burke Harris	How childhood trauma affects health across a lifetime	13.4	12.3	138	16	3M
257	8	2015	Adam Driver	My journey from Marine to actor	11.9	11.0	208	18	2.9M
258	8	2013	Ron Finley	A guerilla gardener in South Central LA	11.0	10.2	144	10	2.9M
259	8	2013	James Flynn	Why our IQ levels are higher than our grandparents'	12.5	11.6	151	18	2.9M
260	8	2009	Juan Enriquez	The next species of human	11.5	11.1	181	18	2.9M
261	8	2009	Stefan Sagmeister	The power of time off	11.4	10.7	145	17	2.9M
262	8	2012	Improv Everywhere	A TED speaker's worst nightmare	8.4	11.1	97	3	2.9M
263	8	2012	David R. Dow	Lessons from death row inmates	13.4	11.5	179	18	2.9M
264	8	2013	Guy Hoffman	Robots with "soul"	12.4	10.5	209	17	2.9M
265	8	2013	Kevin Breel	Confessions of a depressed comic	12.2	10.7	186	11	2.9M
266	8	2010	Hans Rosling	Global population growth, box by box	11.6	11.3	155	10	2.9M
267	8	2013	Sugata Mitra	Build a School in the Cloud	10.6	10.2	151	22	2.8M
268	8	2005	Richard Dawkins	Why the universe seems so strange	13.2	12.2	166	22	2.8M
269	8	2009	Itay Talgam	Lead like the great conductors	9.3	10.4	173	19	2.8M
270	8	2009	Rory Sutherland	Life lessons from an ad man	11.9	12.7	205	16	2.8M

271	8	2011	Alison Gopnik	What do babies think?	12.6	11.1	185	18	2.8M
272	8	2014	Jim Holt	Why does the universe exist?	12.1	11.7	160	17	2.8M
273	8	2004	Steven Levitt	The freakonomics of crack dealing	12.3	11.1	200	21	2.8M
274	8	2009	Rebecca Saxe	How we read each other's minds	11.6	10.9	195	17	2.8M
275	8	2010	Neil Pasricha	The 3 A's of awesome	12.2	10.2	188	17	2.8M
276	8	2012	Ernesto Sirolli	Want to help someone? Shut up and listen!	11.8	11.1	128	17	2.8M
277	8	2014	David Epstein	Are athletes really getting faster, better, stronger?	12.9	11.3	181	15	2.8M
278	8	2009	Derek Sivers	Weird, or just different?	10.8	9.7	212	2	2.8M
279	8	2010	The LXD	In the Internet age, dance evolves ...	11.2	10.8	200	8	2.7M
280	8	2016	Tabetha Boyajian	The most mysterious star in the universe	12.5	11.6	170	13	2.7M
281	8	2011	Anthony Atala	Printing a human kidney	12.0	12.1	176	17	2.7M
282	8	2010	Chip Conley	Measuring what makes life worthwhile	12.8	11.4	175	17	2.7M
283	8	2015	Nick Bostrom	What happens when our computers get smarter than we are?	13.3	12.3	163	16	2.7M
284	8	2011	Charlie Todd	The shared experience of absurdity	11.8	10.5	219	12	2.7M
285	8	2015	Nicole Paris and Ed Cage	A beatboxing lesson from a father-daughter duo	9.7	9.2	203	7	2.7M
286	8	2014	Marc Kushner	Why the buildings of the future will be shaped by ... you	12.5	11.3	155	18	2.7M
287	8	2015	Sophie Scott	Why we laugh	12.3	11.2	200	17	2.7M
288	8	2013	Nilofer Merchant	Got a meeting? Take a walk	12.6	10.7	171	3	2.7M
289	9	2008	Tim Ferriss	Smash fear, learn anything	11.0	11.0	182	16	2.7M
290	9	2016	Wanis Kabbaj	What a driverless world could look like	12.1	12.3	158	11	2.7M
291	9	2009	Dan Ariely	Our buggy moral code	12.0	11.3	197	16	2.7M
292	9	2011	Matt Killingsworth	Want to be happier? Stay in the moment	13.2	11.4	188	10	2.7M
293	9	2006	Sirena Huang	An 11-year-old's magical violin	11.3	10.5	159	9	2.6M
294	9	2008	Jonathan Haidt	The moral roots of liberals and conservatives	12.0	12.0	211	18	2.6M
295	9	2013	Ji-Hae Park	The violin, and my dark night of the soul	11.8	11.7	127	6	2.6M
296	9	2013	Alexa Meade	Your body is my canvas	12.9	10.4	168	7	2.6M
297	9	2012	iO Tillett Wright	Fifty shades of gay	12.9	11.1	180	18	2.6M
298	9	2012	Andrew Stanton	The clues to a great story	10.9	10.5	165	19	2.6M
299	9	2017	Tim Ferriss	Why you should define your fears instead of your goals	11.6	11.0	182	13	2.7M
300	9	2013	Hetain Patel	Who am I? Think again	11.1	10.6	120	9	2.6M
301	9	2003	Dan Dennett	The illusion of consciousness	10.9	11.1	160	21	2.6M
302	9	2014	Morgana Bailey	The danger of hiding who you are	13.3	12.6	130	10	2.6M
303	9	2009	Bill Gates	Mosquitos, malaria and education	11.6	11.3	161	20	2.6M
304	9	2014	Pico Iyer	The art of stillness	14.1	10.5	160	15	2.6M
305	9	2012	Matt Mills	Image recognition that triggers augmented reality	11.6	11.0	182	8	2.6M
306	9	2013	Ash Beckham	We're all hiding something. Let's find the courage to open up	11.4	9.9	176	9	2.6M
307	9	2007	Carolyn Porco	This is Saturn	12.7	11.3	166	17	2.6M
308	9	2011	JR	My wish Use art to turn the world inside out	10.8	10.5	163	24	2.6M
309	9	2016	Maurice Conti	The incredible inventions of intuitive AI	12.2	10.9	182	15	2.6M
310	9	2015	Danielle Feinberg	The magic ingredient that brings Pixar movies to life	12.0	10.8	189	12	2.5M
311	9	2016	Kio Stark	Why you should talk to strangers	10.6	11.2	172	12	2.5M
312	9	2007	James Randi	Homeopathy, quackery and fraud	10.8	10.9	174	17	2.5M

313	9	2014	Ricardo Semler	How to run a company with (almost) no rules	11.6	10.1	185	21	2.5M
314	9	2012	Rob Reid	The \$8 billion iPod	13.4	13.0	169	5	2.5M
315	9	2017	His Holiness Pope Francis	Why the only future worth building includes everyone	12.4	11.6	129	17	2.5M
316	9	2012	Lisa Kristine	Photos that bear witness to modern slavery	12.8	11.1	134	19	2.5M
317	9	2009	Joachim de Posada	Don't eat the marshmallow!	9.6	10.1	166	6	2.5M
318	9	2013	Hamish Jolly	A shark-deterrent wetsuit (and it's not what you think)	14.0	11.6	168	12	2.5M
319	9	2010	David McCandless	The beauty of data visualization	11.4	11.6	176	18	2.5M
320	9	2016	Juan Enriquez	What will humans look like in 100 years?	12.5	11.4	194	15	2.5M
321	9	2013	Ramsey Musallam	3 rules to spark learning	12.0	11.9	151	6	2.5M
322	9	2006	Dan Dennett	Let's teach religion -- all religion -- in schools	11.1	11.4	167	24	2.5M
323	9	2015	Julie Lythcott-Haims	How to raise successful kids -- without over-parenting	13.6	10.9	170	14	2.5M
324	9	2009	Sunitha Krishnan	The fight against sex slavery	11.0	10.6	130	12	2.5M
325	10	2014	Randall Munroe	Comics that ask "what if?"	13.2	10.3	190	9	2.5M
326	10	2012	James B. Glattfelder	Who controls the world?	12.8	13.0	133	14	2.5M
327	10	2014	Avi Reichental	What's next in 3D printing	12.8	11.2	130	9	2.5M
328	10	2015	Jon Ronson	When online shaming goes too far	12.1	10.9	186	17	2.5M
329	10	2010	Sugata Mitra	The child-driven education	11.1	10.3	167	17	2.5M
330	10	2016	Isaac Lidsky	What reality are you creating for yourself?	10.7	12.3	172	11	2.5M
331	10	2014	Barry Schwartz	The way we think about work is broken	12.8	12.3	157	8	2.5M
332	10	2015	Yuval Noah Harari	What explains the rise of humans?	12.0	11.8	147	17	2.5M
333	10	2011	Harald Haas	Wireless data from every light bulb	10.9	11.7	156	12	2.4M
334	10	2015	Joseph DeSimone	What if 3D printing was 100x faster?	13.3	12.2	158	10	2.4M
335	10	2010	Patricia Kuhl	The linguistic genius of babies	12.5	11.0	162	10	2.4M
336	10	2003	Wade Davis	Dreams from endangered cultures	14.0	11.6	196	22	2.4M
337	10	2015	Will Potter	The secret US prisons you've never heard of before	12.8	12.4	170	15	2.4M
338	10	2014	Kevin Briggs	The bridge between suicide and life	11.6	11.2	128	14	2.4M
339	10	2011	Richard Wilkinson	How economic inequality harms societies	12.6	12.4	152	16	2.4M
340	10	2016	Sam Harris	Can we build AI without losing control over it?	12.6	12.1	180	14	2.4M
341	10	2011	Deb Roy	The birth of a word	12.7	11.5	156	19	2.4M
342	10	2010	Tan Le	A headset that reads your brainwaves	12.1	12.4	156	10	2.4M
343	10	2013	Tom Wujec	Got a wicked problem? First, tell me how you make toast	12.6	11.6	161	9	2.4M
344	10	2014	Stella Young	I'm not your inspiration, thank you very much	11.6	10.7	149	9	2.4M
345	10	2012	Kakenya Ntaiya	A girl who demanded school	10.6	10.0	163	15	2.4M
346	10	2015	Donald Hoffman	Do we see reality as it is?	11.8	12.1	155	22	2.4M
347	10	2010	Dan Meyer	Math class needs a makeover	12.2	11.2	206	11	2.4M
348	10	2016	Dalia Mogahed	What it's like to be Muslim in America	11.3	11.1	159	16	2.4M
349	10	2008	Amy Tan	Where does creativity hide?	12.0	10.9	167	22	2.4M
350	10	2012	Neil Harbisson	I listen to color	12.1	11.5	154	9	2.4M
351	10	2011	Thandie Newton	Embracing otherness, embracing myself	11.7	11.8	128	13	2.4M
352	10	2013	Peter Attia	Is the obesity crisis hiding a bigger problem?	13.0	12.0	156	15	2.4M
353	10	2011	Stanley McChrystal	Listen, learn ... then lead	11.5	10.7	179	15	2.4M
354	10	2013	Skyler Tibbits	The emergence of "4D printing"	13.0	12.4	164	8	2.4M

355	10	2013	Eric X. Li	A tale of two political systems	11.9	13.1	155	20	2.4M
356	10	2011	Jack Horner	Building a dinosaur from a chicken	11.1	11.7	147	16	2.4M
357	10	2013	Suzana Herculano-Houzel	What is so special about the human brain?	13.4	11.3	183	13	2.4M
358	10	2011	Sebastian Thrun	Google's driverless car	11.8	10.4	140	4	2.4M
359	10	2014	Ben Ambridge	10 myths about psychology, debunked	13.4	11.8	198	15	2.4M
360	10	2013	Marla Spivak	Why bees are disappearing	12.7	11.1	147	16	2.4M

* リーダビリティ公式 (readability formula) (TABUCHI Ryuji, 2014)

Mint Grade Level for Japanese Readers

$MGJP = 0.07496 \cdot (3 \cdot S + 2 \cdot C) + 7.926 \cdot \text{LOG}(P) + 4.618$

S: 1 フレーズに含まれる平均音節数 (Syllables Per Phrase)

C: 1 フレーズに含まれる平均子音数 (Consonants Per Phrase)

P: 1 節に含まれる平均フレーズ数 (Phrases Per Clause)

LOG: 常用対数 (Common Logarithm)

フレーズ: 英数字以外で区切られた文字列 (Phrase: a sequence of words divided by non-letters)

節: . ! ? ; など で区切られた文字列 (Clause: a sequence of words divided by . ! ? ; etc.)

* 語彙レベル公式 (vocabulary level formula) (TABUCHI Ryuji, 2016)

Vocabulary Grade Level for Japanese Readers

$VGL = 30.371 \cdot H + 8.7914$

H: 大学受験レベル単語数 ÷ 総単語数 (university examination level words ÷ words)

* MGJP, VGL と学制との対照表

MGJP, VGL	学制
9	中 3 / junior high school
10	高 1 / senior high school
11	高 2
12	高 3
13	大 1 / university, college

小数点以下は四捨五入して学年とした。

* データ収集 2017 年 8 月 TED (<https://www.ted.com/>) より。

* 360 本の内 3 本について MGJP などの記載がないのは、字幕ファイルの収集ができなかったことによる。

* このリストは、出典を明記した上で、研究教育文化交流用に自由に利用可能である。ただし商用利用には制限があるので事前連絡による許諾が必要。

* 参考文献

田淵龍二 (2017). 「日本人英語学習者向け語彙レベル適応学年算出公式の試験的開発」. LET Kanto Journal, 1, 25-35.

田淵龍二・湯舟英一 (2016). 「音韻符号化の予測時間に基づく日本人英語学習者向けリーダビリティ公式の開発」. Language Education & Technology, 52, 359-388.

* 参考資料

田淵龍二 (2018). 「コーパスを教育利用するための要件としての適応学年指標 — 文法コーパスと TED コーパス構築」. 言語処理学会第 24 回年次大会 (NLP2018) .

田淵龍二 (2018). 「言語処理技術と語学教育の接点： ウェブ・コーパスと自律的学習の未来」. 言語エキスポ 2018 (JACET) .

田淵龍二 (2017). 「TED 字幕表示時間と音韻符号化予測時間の比較研究」. Language Education & Technology, 54, 41-54.

田淵龍二 (2017). 「リーダビリティと発話速度による TED ビデオの難易度推定」. LET Kanto Journal, 1, 61-75.

田淵龍二・湯舟英一 (2017). 「TED Talks 字幕の表示時間の特徴とその教育的利用に向けた考察」. Language Education & Technology, 54, 167-192.

神田明延・田淵龍二, (2016). 「ウェブベースで動くチャンク同期提示マルチメディアプレイヤーの開発 — 言語教育における TED の利用から見えた可能性と課題 —」. 『CIEC 研究会報告集』(CIEC コンピュータ利用教育学会) , 7, 73-78.

Kanda, A., Yamaguchi, T., Yubune, E., & Tabuchi, R (2015). Developing Software for Dynamic Displaying of Chunks to Enhance Reading Efficiency, Malaysian Journal of ELT Research 11(1) 67-80.

A. Kanda, T. Yamaguchi, R. Tabuchi and E. Yubune (2014). Enhancement of Reading Efficiency Using Dynamic Displaying Mode of Chunks on an Integrative Software Asia TEFL 2014 Proceedings 12, 59-65.