

# TEN YEARS OF BRILLIANT WORLD PROGRESS

## FORECASTS MARVELOUS TWENTIETH CENTURY

To-morrow we will be in the tenth year of the 20th century. At the threshold of the second decade, it is interesting and may be profitable to take a 10-year account of the world's progress. Conspicuous achievements, in many fields of human endeavor, form a dazzling chapter in history and go to give some indication of what a marvellous thing life will be for our children's children—the men and women who will live in the twenty-first century.

Following is a brief summary of the conspicuous, popular or beneficent human achievements of the first 10 years of the century, with especial reference to American life:

### DISCOVERIES

North pole—Lieut. R. E. Peary (claim), April 6, 1909.  
 North pole—Dr. F. E. Cook (claim), April 21, 1908.  
 North magnetic pole—Roald Amundson, June, 1905.  
 Radium—M. and Mme. Curie, 1903.  
 Victorium, new chemical element, not yet applied—Sir Wm. Crookes, 1901.  
 Ocean desert, South Pacific—Alex. Agassiz, 1904.  
 Serum, cure for cerebro-spinal meningitis, hitherto thought incurable—Rockefeller Institute, 1908.  
 Liquefied hydrogen gas, nearest approach to ultimate zero—Prof. Dewar, British Royal Institute, 1908.  
 Radio-thor, substitute for radium, Dr. E. S. Bailey, New Orleans, 1909.  
 Restored life to electrocuted animal, declaring result would have been identical if experiment had been on human being—Dr. Louise G. Robinovitch, Russian, 1909.  
 Hookworm, germ of "laziness disease"—Dr. Chas. W. Spiles, Washington, 1909.  
 Stovaine, anesthetic rendering operative parts unconscious without mental effect—Prof. T. Jannesco, Roumanian surgeon, 1908.  
 Largest diamond in the world—South Africa, 1905.  
 New star—Dr. T. B. Anderson, Edinburgh, 1901.  
 Photographs of Mars, from which new map, showing double "canals," was made, also establishing fact that Mars has changing seasons, indicating existence of plant and animal life—Prof. David Todd, Amherst College, 1907.  
 Cataract on Ingnazu River, South America, more water passing than Niagara or Zambezi, more beautiful than either—1904.  
 Two new satellites, Saturn, making 10 members that planet—1904-5.  
 A variety of tuberculosis treatments, fresh air mainly. Wonderful progress this direction. This decade has seen inaugurated a world war on the great white plague. No medical cure.  
 There has been remarkable develop-

### ACHIEVEMENTS

ment and many discoveries in surgery. Medical discoveries far less important.  
 Measured speed of light—A. A. Michelson, University of Chicago, 1907.  
 New satellite, eighth, of Jupiter discovered, Prof. Mellotte, England—1908.  
 Magnified reflector of tremendous power, for astronomical observation, Prof. R. W. Wood, Johns Hopkins—1909.  
 Eighth moon of Jupiter—1908.  
 American farm products 1909 worth \$8,760,000,000, or nearly double value of same in 1900.  
 San Francisco practically rebuilt in three years.  
 City Gary, Ind., population 100,000, built to order in three years.  
 Galveston sea wall built, preventing recurrence of disaster.  
 Seattle largely rebuilt, level of city changed, many streets widened.  
 Locomotive on Plant line ran short distance at rate of 120 miles per hour.  
 Locomotive on Pennsylvania Railroad sustained 99 miles an hour. The New York Central sent train from New York to Chicago, 301 miles, in 15 hours 56 minutes, including stops.  
 Automobile at Ormond Beach, Fla., ran mile 28 1/2 seconds.  
 Luther Burbank created spineless cactus, thin shelled walnuts, spineless plums and "plumcots"—new fruit.  
 Simplon tunnel, under Alps, connecting Switzerland and Italy, completed, 1905.  
 Duke of Abruzzi ascended Himalayas to height of 24,000 feet, highest altitude attained by mountain climber—1909.  
 Automobile trip around world, time, New York to Paris, 170 days—1908.  
 Practical application storage battery—Edison, 1902.  
 Lantania, steamship, made transatlantic trip, 4 days, 11 hours and 42 minutes—1909.  
 Lieut. E. H. Shackleton, English, reached 119 miles from south pole—1909.  
 American battleship fleet circled globe—1907-8.  
 Pacific cable completed—1903.

## As Our Eyes Behold the Golden Future

Great Achievements Which Can Be Reasonably Expected in Twentieth Century, These Predictions Being Based on Progress to Date.

Cure for cancer.  
 Discovery south pole.  
 Prevent or cure insanity.  
 Influence sex by prenatal treatment.  
 Create living organisms by artificial means.  
 Phonograph records substitute for letters.  
 Rational clothing reform, health, comfort, durability only considerations.  
 Settle question of communication with Mars. Wonderful astronomical discoveries.  
 Power of mind over matter a practical science devoid of superstitious elements.  
 United States constitution rewritten, providing improved means for conservation of original democratic principles.  
 Marvellous progress in transportation, largely aerial; airships and dirigible balloons crossing oceans and continents in remarkable time. Racing planes make five miles per minute. Inland waterways carry slow freight by improved methods. Monorail supplants two tracks. Electricity replaces steam. Convenient, economical city traffic system broadens city areas, opening suburban lands to householders. Pneumatic tubes for mails and express. Horses relegated to short distance burden bearing. Ocean steamers for freight, improvement toward speed rather than size.  
 Seedless apple produced, J. F. Spenser, Colorado—1906.  
 Tibet explored and opened to foreigners—1904.  
 Zoson electric line Berlin, attained speed of 114 miles per hour—1903.  
 Garbage and refuse of cities, treated by mechanical processes, converted into oils and fertilizers—1901.  
 Approach of Halley's comet noted—1909.  
 Railroad mileage in the United States 232,000 miles—1909—gain of over 45,000 miles in decade.  
 Marconi inaugurated transoceanic wireless communication, Nova Scotia and England—1902.  
 Turbine engine practically applied—1903.  
 Metropolitan Life Insurance Co. building, New York, tallest office building in world, 700 feet.  
 Water power era of west begun with harnessing of Mt. Banier—1903. United States now derives 5,375,000 horsepower, turning 52,827 wheels, from waterways. 35,000,000 cubic yards of dirt and rock removed in year's excavations at Panama canal; at this rate canal will be finished in 1914.  
 Baltic and Black Sea canals finished; Erie canal, New York, deepened and widened.  
 Lakes to gulf waterway agitated, surveyed, and cost of project estimated.  
 Conservation of natural resources, timber land, mineral deposits and power sites received much attention.  
 Dr. Lorenz proved "bloodless" surgery theory 1900-3.  
 Cape to Cairo railroad, crossing Africa, containing Cape Town to mouth of Nile river, nearing completion.  
 Sea water for irrigation.  
 Photographs in natural colors.  
 Women's political equality.  
 Government control of corporations.  
 Animated pictures in natural colors, transmitted by wireless.  
 Substitution of heavier metals with aluminum, etc.  
 Natural colors reproduced in newspaper pictures.  
 Reduction or elimination of forms gambling, including stocks.  
 General acceptance of public ownership or control of public utilities.  
 Government operation banking system, elimination of private banks.  
 Moral, intellectual and economical awakening in dark sections of Africa and Asia. China a world power.  
 Beautiful and healthful cities, offering with homes and work places all forms of free amusements, culture and recreation.  
 Greater premium on brains with corresponding decrease in respect for position not gained by individual achievement.  
 Revision judicial system, deciding causes on improved scientific plan, insuring equal justice. Pathological and psychological treatment for criminals. Crime reduced.  
 Due to universal education, with especial reference to hygiene, doctors and drugs be largely eliminated; average age to be near 60 years; men taller, stronger; higher intelligence and morals.

Monorail car, using gyroscope principle—Louis Brennan, 1907.  
 Gyroscope less successfully applied to watercraft, 1906.  
 Mercury-vapor lamp, Cooper Hewitt—1901.  
 Submarine warship, improved, 1902 to make 150 miles under water at 11 knots.  
 Gasoline engine wonderfully developed, accounting for marvelous improvements on automobiles, airships, etc., wherever a powerful, lightweight machine is called for.  
 Rapid automatic telegraph—P. B. Delaney—1902.  
 Battleships—Largest and most powerful, Delaware and North Dakota, U. S. N., sister ships. Displacement 22,075 tons, length 510 feet, 36 guns each.  
 Liner, world's largest—Olympic, 860 feet long, 48,000 tons displacement—1909.  
 Noiseless rifle—Hiram Maxim, jun.—1908.  
 Mechanical money changer—Bjarne Crauner, Norwegian—1908.  
 Machine to record shorthand characters—1904.  
 Houses built entirely of cement by "pouring"—Edison, 1909.  
 Radio-automobile torpedo—Gustave Gabet, is guided by wireless waves at distance of four miles.  
 Rapid fire gun, 22 pounds, air cooled, 400 to 500 bullets per minute—Benet and Mercier, 1909.  
 Wireless telephone—A. F. Collins, 1909.  
 Concrete viaduct bridges connecting by railroad Florida and Key West islands—1909.  
 Pigiron process, drying metal by freezing before sending to furnace, working large economy—1901.  
 Steel railway coaches—1906.  
 Cutting metal with electric arc—1902.  
 Electograph, successfully telegraphs half-tone pictures—1902.  
 New York city with Pennsylvania railway and another independent company began building system of tunnels honeycombing Manhattan and connecting under rivers, New Jersey, Brooklyn and Long Island City. Nearly 100 miles of track now under operation. Cost to date nearly \$200,000,000.

Standard Oil Co. paid \$29,000,000 for accepting rebates and setting aside higher court—1908.  
 Constitutional argument extended to people of Persia, Russia, Turkey and Cuba, former abolishment of monarchies.  
 Bulgaria joined dependent nations—1908.  
 One new State, Cuba, added to the American Union.

### SOCIAL

United States—Rural deliveries extended from few scores to 47,000 routes—1909.  
 In religion, the pop movement has been the "highest," or, as defined by its advocates, more intelligent and scientific interpretation of the Bible, and the least efficient, probably, was the Pope's encyclical against "modernism" in 1907.  
 Average life, America increased from 31 to 35 years.  
 Hero fund, endowment \$5,000,000, established by Andrew Carnegie—1904.  
 Russian-Japanese war closed by signing treaty in U. S. States, Roosevelt receiving therefor Nobel peace prize—1905.  
 Convict lease law in Georgia abolished—1908.  
 Prohibition movement extended; organization growth in scope.  
 Two-cent postage between United States and Great Britain and between United States and Germany (via German vessels)—1909.  
 Public playgrounds, school gardens, unlimited use public parks encouraged, fostered by municipalities.  
 Public schools Philippines opened, 500,000 pupils—1906.  
 John D. Rockefeller gave \$7,000,000 for research tuberculosis serum—1903.  
 Mrs. Russell created Sage foundation—1900—1907.  
 John D. Rockefeller gave \$32,000,000 for general education—1907.  
 Andrew Carnegie gave \$10,000,000 for college professors' pension fund—1905.  
 Smaller ages endowed with \$10,000,000, J. D. Rockefeller—1905.  
 Temperance cause, The Hague, \$1,500,000, Andre Carnegie—1903.  
 Opium abolished from large portions of China—1908.  
 5,373,992 marriages in United States past seven years—divorce same period 449,997.  
 Populists continental America, year 1909, 76,586—estimated population 1910, 95,000 to 100,000,000.  
 Total migration into United States for first year century, 8,500,000. For 100 year prior to 1900 total immigration was 5,500,000.

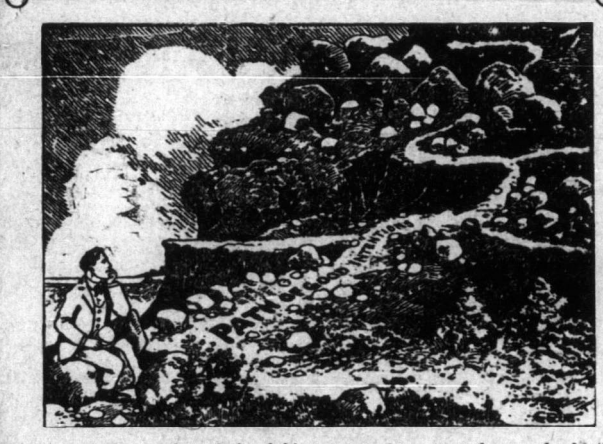
### INVENTIONS

Airships—Longest time in air, Wilbur Wright, 2 hours 18 minutes; fastest, Glen H. Curtiss, 18 3/5 miles in 23 1/2 minutes; highest, Latham, 490 feet; longest flight, Farnum, 140 miles; English channel flight, Louis Bleriot.  
 Largest dirigible balloon, Count Zeppelin, 445 feet long, 47 miles per hour, capacity 20 passengers and crew of six, fitted with wireless telegraphy, can carry explosives for use in war; longest flight 456 miles, covering 22 hours in air.  
 Airships—Longest time in air, Wilbur Wright, 2 hours 18 minutes; fastest, Glen H. Curtiss, 18 3/5 miles in 23 1/2 minutes; highest, Latham, 490 feet; longest flight, Farnum, 140 miles; English channel flight, Louis Bleriot.  
 Largest dirigible balloon, Count Zeppelin, 445 feet long, 47 miles per hour, capacity 20 passengers and crew of six, fitted with wireless telegraphy, can carry explosives for use in war; longest flight 456 miles, covering 22 hours in air.

### POLITICAL

New nations—Cuba, Panama and Norway.  
 Japan, a world power, grew up from barbarism—1905.  
 Agitation for woman suffrage greatly increased, America and Europe. Militant campaign in England.  
 Government by commission tried by several American cities, proved unequal success.

## GOOD INTENTIONS OF 1910



The Little Girl and the New Year.  
 The New Year's morning was clear and still, and a white frost hung over meadow and hill.  
 When a fair child rose from her little bed, and through the lattice put forth her head, and looked on the world that beneath her lay, awoke from its sleep by the sun's first ray.  
 Oh! fair was that little child to behold, with her bright blue eyes and her tresses of gold.  
 But her brow was shaded, as though a fear were hid in the joy of a glad New Year.  
 And half to herself, and half aloud, from her lips a solemn murmur flowed:  
 "The good year, it is gone away, not a moment longer might it stay; it brought me all that it had to bring, it scattered blessings beneath its wing;  
 It told me all that it had to tell, and then it bade me a long farewell. New Year! what hast thou brought for me?  
 Wilt thou be as kind a friend as he?"  
 She ceased as though she waited reply, and I thought a music wild swept by.  
 'Fair child, the answer must come from thee;  
 Art thou willing to make a friend of me?  
 I have many a precious gift in store, wilt thou take it and love thy Saviour more;  
 If I whisper these words of holy cheer, wilt thou speak the words in thy brother's ear?  
 Will I bring thee seed of costly growth, wilt thou scatter the seed to the north and south?  
 If I make thee a little stream of bliss, wilt thou water the barren wilderness?  
 Oh, yes; the Good Shepherd has gathered thee in;  
 Then pity the children of sorrow and sin;  
 Let the near and the far be glad of thee.  
 And let all who thy lowly service see, inscribed on it read in the light of heaven.  
 'Freely received and freely given';  
 Then, fair child, I will love thee well, but what I shall do I may not tell;  
 I may lengthen thy days of blessing below,  
 And that will be loving thee much, I know;  
 I may shorten the day at thy Saviour's call,  
 And that will be loving thee most of all."  
 (From An Old Magazine—Anonymous.)

### Some Resolutions to Which Everyone Can Subscribe With a Fair Certainty of Carrying Them Out.

BY FRANK H. WILLIAMS.  
 RESOLVED THAT:  
 During the coming year I will not eat soup with a fork  
 I will positively not borrow any more fives or tens than my friends will lend me.  
 Never on any one day will I smoke more than two boxes of cigars, seven or eight packages of cigarettes and fifty or sixty stogies.  
 When playing solitaire I will never play cards for money.  
 From now until next New Year's day, I solemnly declare, I will not drink except when I want to.  
 I will not read any Egyptian hieroglyphics.  
 I will not discover the North Pole.  
 During the entire coming twelve months I will not corner the wheat, cotton or corn markets.  
 I will not go hunting in South Africa.  
 From now until next January 1 I will not make any more "new leaf" resolutions.

### OVERWHELMING WORLD DISASTERS OF DECADE.

Martini volcanic eruption and earthquake (1902), 32,500 killed.  
 Vesuvius eruption and earthquake in Southern Italy (1905), 550 killed.  
 San Francisco earthquake and fire (1906), 490 dead.  
 Iroquois theatre fire, Chicago (1903), 698 killed.  
 Messina, Sicily, earthquake (1908), 100,000 killed.  
 Galveston (Tex.) tidal wave and storm (1900), 8,000 killed.  
 Couriers (France), mine disaster (1906), 1,060 killed.  
 FAMINES.  
 Spain, 1905—20,000 dead.  
 China, 1907—200,000 (est.) dead.  
 Russia, 1908—Wiped out thousands, total number unknown.  
 PLAGUES.  
 Bubonic plague, India, causes over 50,000 deaths annually.  
 Cholera epidemic, Russia, 1908—10,000 dead.  
 WARS.  
 Boer war (ended 1902)—Cost \$1,100,000,000; men killed, 26,000.  
 Russian-Japanese war (1904-5)—Cost, \$860,000,000; men killed, 400,000.

### MOST ANYTHING

JOSH WISE SAYS:  
 "The good resolutions that men pledge seldom live after them."  
 Doesn't it seem an awful lot longer than 10 years since we wrote it '00?  
 By this time, it is believed, all the girls at the store and office and factory have learned just what every other girl got for Christmas, and from whom, and how much it cost, and business can resume next Monday without any further hesitancy.  
 A FAREWELL.  
 Old year, good-bye! I'm still your friend, although you made me suffer; I've met with worse, and, in the end, The new may use me rougher.  
 The justices of the peace still have some serviceable second-hand resolutions left over from last year and hardly need at all.  
 I stood at midnight on the street  
 And listened to the din;  
 The New Year got a rousing greet,  
 It was tinned in.  
 New Year calls are not so much the fashion any more. The egg-nog routes

### THE BIRTH REPORT.

Name—Anno Domini MCMX.  
 Time—Midnight, Dec. 31, '00.  
 Sex—Male.  
 Respiration—Sixty seconds per minute.  
 Pulse—Strong.  
 Temperature—See weather report.  
 Complexion—Rosy.  
 Temperament—Sanguine.  
 Father's Name—Christian Era.  
 Mother's Name—Twentieth Century.  
 Weight at Birth—Nil.  
 Attending Physician—Old Doctor Tempus.  
 General Remarks—Seems exceedingly active and healthy, but is predisposed to short life, as all the children of this family expire at the age of 365 days, except a few, which live a matter of 24 hours longer.  
 Yes, there are lots of more comfortable places to see the New Year in than at a cafe.  
 Before losing your temper or dating a letter, slowly count up to ten.  
 Anybody ever stopped to figure out that the zeal used in celebrating Jan. 1, if distributed equally over the remaining 364 days, would make it a pretty good year?  
 Oh, where are the years of yesterday?  
 Are there never any twins in the Anno Domini family?  
 HOW TO WRITE IT.  
 THIS STYLE WILL BE HIGH USED  
 1909  
 OTHERS WILL DO IT THIS:  
 1909 1910  
 AND SOME WILL BE GUILTY OF THIS:  
 1909/10  
 BUT HERE IS THE RIGHT WAY:  
 1910  
 From a Necktied Husband.  
 Wifie bought them a store,  
 One or two and then some more—  
 Neckties of more radiant hue,  
 Purple, red, and baby blue.  
 Do we wear them? I guess no,  
 And this only goes to show  
 Gift neckties are on a par  
 With the Christmas gift cigar. —R.  
 Don't let your good resolutions die unless they die of old age.  
 'Tis the opportunities a woman wishes to cause her to remain a Miss.

## THE DEATH OF MCMIX



(Bulletin)—A. D. McMix passed away last midnight.  
 It was only a few days ago that the venerable A. D. McMix was forced to take to his bed. And only a short time before that was his genial countenance missed from his usual haunts. The cold spell that came suddenly the second week in December struck a chill to his bones which he could not shake off. His system had been weakened by nearly twelve months of active participation in everything that went on.  
 For a while Mr. McMix was able to sit in front of his own fire-side draped in his flowered dressing gown and get the news of the world through the papers. Then came Christmas with its glad excesses and its wassail. In spite of his decrepit condition Mr. McMix went rather strongly to the wassail.  
 The next day he could not get up as the doctor was called. The doctor expressed some concern and advised quiet and warm milk. Accordingly the old man was ordered to leave plenty of quiet and warm milk.  
 At first Mr. McMix appeared pert, although very fatigued. He lay listening to the sleigh bells and counting the hours by the cuckoo clock. But as his fever rose he became delirious and babble of his past life. A great many things seemed to be on his mind.  
 For instance, his fancy had a great tendency to wander to Teddy's departure for Africa and Taff's inauguration and the tossing away of the big stick. Then he bumbled of tariff revision, and expressed the wish that the revision had  
 in more revisionward. He was heard mumble things of the Turkish revolution, the British-German war scare, sadnoughts, the Spanish reverses in Africa, the foul murder of Ferrer, and a assassination of Prince Ito.  
 The felt-shod nurses also distinguished assorted words like these: "Bill swinging rotine across channel, monoplane—C. W. Morse confined—prohibition victories—Astor divorce—central bank—Cairo lynching—Aldrich—big crops—Jack Johnson—suffragettes—train robbers—Tammany defeat—prosperity returns—Alaska-Yukon exposition—miners' disaster at Cherry Hill—witchmen on strike—House of Lords vs. budget—I love my wife, but, oh, you kid!—harsh buff slipped to Zelaya—Watson and Legallene—Dr. Cook—Peary—North Pole found twice—maybe—perhaps—if—if."  
 The attending physician on the morning of Dec. 31 posted a bulletin stating that Mr. McMix was indubitably suffering from a complication of pelagra and hook worm, and that the case was utterly hopeless.  
 The end came swiftly. At midnight the patient painlessly breathed his last—thanks to liberal injections of slow-moving arsenic—died at the ripe old age of 365 days.  
 Poor old A. D. McMix, alias Anno Domini 1909!



THE NEW YEAR AS IT IS PICTURED AND AS IT ACTUALLY ARRIVES—WITH A RACKET.  
 SPEAKING OF A DR. JEKYLL AND MR. HYDE.

### "Out of the Mouth of"

Morts—Hey, you, Reub; how many lines in a sonnet?  
 The Police Reporter—Seventeen, you dunces.  
 Courts—Rats! Reub; you're thinking of a sestina.  
 The Police Reporter—Ain't thinkin' of anything of the kind. He asked me how many lines in a sonnet. I say seventeen, and I stick to it.  
 Morts—You're wrong, Reub. That's a rondel. I have them for breakfast.  
 The Police Reporter—Where's the cub?  
 The Cub—At your service, sir, I didn't hear the argument.  
 Morts—How many lines in a sonnet?  
 The Cub—Why, twelve, of course; the office boy could have told you that.  
 Police—Fiddlesticks! That's a quatorzain. I've got one right—  
 Morts—You shut up. The cub knows what is in poetry.  
 Police—All right, boys. Have it your own way. But here comes the sumpire. Hey, old sport! How many lines in a sonnet? Morts has been trying to find out.  
 The Horse Reporter—Why, fourteen, son; just fourteen. Where did you all grow up?  
 The nite fire alarm sounded  
 It's the fellow who is on his uppers that is down-trodden.