

**HOME READING COURSE FOR HIGH SCHOOL PUPILS**

The enforced vacation given to the high school has caused the teachers of the English department to leave at the Outlook office the following suggestions for the new home reading work which is due the Friday preceding the mid-term examinations. The usual "five grades or five books" are given for the work. The books may be had from the Gresham library. A request for the book, with first, second, and third choice indicated, and name, class, and address, with 8 cents for postage will bring the book by mail. The questions will be enclosed in the book. Book review and essays that were called for December 17, 1919, may be left at the library by December 19, 1919.

**Freshmen—Home Reading.**  
 Baldwin: Story of the Golden Age.  
 Demetrius: When I was a Boy in Greece.  
 Davis: Vitor of Salamis.  
 Davis: Friend of Caesar.  
 Cather: Boyhood Stories of Famous Men.  
 Gilbert: More than Conquerors.  
 Hoffman: Mozart's Youth.  
 Holland: Historic Boys.  
 Holland: Historic Girls.  
 Meadowcroft: Edison.

11 Overton: Rob't Louis Stevenson.  
 12 Richards: Florence Nightingale.  
 15 Riis: Tales from the Far North.  
 14 Wade: Light Bearers.  
 15 Wade: Wonder Workers.  
 16 Young: Alaska Days with John Muir.  
 17 Custer: Boots and Saddles.  
 18 Frank: Great Authors.  
 19 Helen Keller: Story of My Life.  
 20 Lanier: King Arthur.  
 21 Lanier: Matoniglon.  
 22 Mabie: Norse Stories.  
 23 Moses: Belle Moses.  
 24 Ziemesen: J. S. Bach.  
 25 Franklin: Auto Biography.  
 26 Wheeler: Boy's Napoleon.  
 27 Buxton: Jeanne d'Arc.  
 28 Bruce: Daniel Boone and the Wilderness Trail.  
 29 Dawson: Stories from Dutch History.  
 30 Morgan: T. R., Boy and Man.  
 31 Autin: Promised Land.  
 32 Washington: Up from Slavery.  
 33 Allen: Boy's Mark Twain.  
 34 Allen: David Crockett.  
 35 Moore: A. Lincoln.  
 36 Sewall: John Paul Jones.  
 37 Tappan: Alfred the Great.  
 38 Tappan: Days of Elizabeth.  
 39 Brooks: March Polo.  
 40 Forbes-Lindsay: Capt. John Smith.  
 41 Hare: Story of Bayard.  
 42 Pyle: Story of Robin Hood.  
 43 Forthingham: Story of Robin Hood.

**Sophomore Home Reading.**  
 1 Dana: Two Years before the Mast.  
 2 Bullen: Cruise of the Cachelot.  
 3 Bishop: Panama, Past and Present.  
 4 DuChaille: Land of Long Night.  
 5 Wallace: Lure of the Labrador Wild.  
 6 Wallace: The Long Labrador Trail.  
 7 Aldrich: Hill-top of the Marne.  
 8 Franck: Four Months Afoot in Spain.  
 9 Huard: Home in the Fields of Honor.  
 10 Muir: Our National Park.  
 11 Winthrop: Canoe and Saddle.  
 12 Parkman: Oregon Trail.  
 13 Stienor: Trail of the Immigrant.  
 14 Irving: Astoria.  
 15 Nobbe: On the Right of the British Line.  
 16 Bennett: Your U. S.  
 17 Curtin: Land of Deepening Shadow.  
 18 Dawson: Carry on.  
 19 Franck: Zone Policeman SS.  
 20 Franck: Working His Way Around the World.  
 21 Lubbock: Around the Horn before the Mast.  
 22 White: African Camp Fires.  
 23 Haskins: Panama Canal.  
 24 Laughton: Sea Fights and Adventures.  
 25 Flint: Tramping with Tramps.

26 Irving: Fur Traders of the Columbia.  
**Peeps at Many Lands.**  
 Australia, Belgium, Burma, Canada, Modern Egypt, Ancient Egypt, England, Finland, France, Greece, Holy Land, Iceland, India, Ireland, and Italy, Jamaica, Java, Morocco, New Foundland, New Zealand, Scotland, South Africa, Sweden, Switzerland, London, Florence, Paris.  
**Senior Home Reading.**  
 1 Longfellow: Courtship of Miles Standish.  
 2 Longfellow: Evangeline.  
 3 Tennyson: Enoch Arden.  
 4 Tennyson: Princess.  
 5 Tennyson: Idylls of the King.  
 6 Tennyson: Locksley Hall.  
 7 Arnold: Sarah and Rustrum.  
 8 Scott: Lady of the Lake.  
 9 Browning: Pippa Passes (double credit).  
**For Sale Second Hand Goods.**  
 One Singer sewing machine, first class condition, \$25.  
 Round top, 8-ft. extension table, \$15.  
 Square top dining table, 6 ft. extension, \$10.  
 Range, dandy condition, \$40. Water coil and pipe included.  
 Four good heating stoves. Prices from \$3.50 to \$20.  
 Investigate. They are bargains.  
 J. E. METZGER.  
 Storage battery repairing and recharging, starter and generator work. Raker & Son.



**A Christmas Suggestion**  
 Make your boy or girl happy by opening up a Savings Account at our bank. We will loan you a handsome Liberty Bell Bank and pay you 4 per cent interest compounded semi-annually on all money deposited.  
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**GRESHAMITES ENJOY WINTER IN THE SOUTH**  
 Los Angeles, Cal., Dec. 9, 1919.  
 To the Editor of the Outlook:—  
 Tonight as we are sitting in a comfortable fire in our cozy little home down here on the famous Cudahy Ranch, and thinking of Gresham and its people, I am moved to draw a little nearer the radiator for the night is real cool, turn on the light juice, and venture another letter to the Outlook. We find that even though we are 1000 miles south of Gresham in latitude 34 degrees, fire of evenings is an absolute necessity to one's comfort. The southland has her winter season as well as the north and we are getting ours now. Last week we had three cold nights, with the temperature at twenty-five degrees, following some very much needed rains. Ice formed a half inch thick and a heavy snow fell in the mountains north of us, and they now present an appearance not unlike the range east and north of Gresham when covered with snow. However, most every day by 10 o'clock we can dispense with our fire, and it is more comfortable with the windows all raised. We are enjoying the climate and feel that the change is very helpful to us both. We have seen much of the country through the kindness of the Carlsons, who have taken us with them in their car on three delightful trips through scenes of varied interest and of surpassing beauty. The first trip was to the cities of Long Beach and San Pedro, or now known as Los Angeles Harbor. Long Beach is California's famous beach resort, a new city of 50,000 souls, and I think comes the nearest of being the "City Ideal" of any one I've ever seen. San Pedro is a miracle. In a few short years she has been transformed from a small fishing village into one of the world's greatest seaports. We were given a five mile free trip by boat through the spacious harbor, giving us an excellent view of the breakwater two miles long, built of solid granite blocks, some of them weighing forty tons, its transit sheds, warehouses and dockage and wharfage accommodations, of which there are more than eight miles, constructed of solid concrete. From there we visited of this interesting man-made harbor that has cost twenty-two million dollars to date, had I the time and space, but I must hasten on to trip No. 2.  
 It was a warm, balmy, lazy, ideal southern day, not long after our first trip, that the Carlsons pulled up in front of our home again and inquired if we would not like another drive with them, and of course two yesses went up at once and after a hurried luncheon we started at a lively rate, this time for the city of Los Angeles. In a few minutes we were going around two sides of the new Market house, which is believed to be the largest one in this country. It covers acres of ground, built of solid concrete. From there we visited Exposition Park, where we hurriedly went through one building only, known as the museum. This building contains the many fossil skeletons of the mammoth, saber-toothed tiger, and human skulls that were unearthed from an asphaltum bed near the city some eight years ago, that created such widespread interest and excitement at the time. These animals belonged to the prehistoric age, dating back thousands of years, when the most of the United States and British America was covered with snow and ice, known as the ice age. This bed of mineral tar proved to be a pitfall to these animals, lured there for some reason, but today they speak out, illuminating us of things that existed in the misty ages of the past.  
 From Exposition Park we speeded on to Hollywood, home of the rich, and on to Glendale, a most beautiful city in the foothills. Thence we changed our course eastward, going through Eagle Rock and across the Arroyo Seco, spanned by a monster S-shaped bridge, 150 feet high, the most beautiful piece of architectural skill in concrete, that could be conceived. The east terminus of this bridge landed us on to Orange Grove avenue, home of the millionaires. As we slowly rolled along this wonderful boulevard, lined with stately mansions, surrounded with yards and parking, indescribably beautiful, I felt that we had been transported into some unknown fairyland. After passing the famous Busch Gardens, said to be the finest in America, we passed from the city of Rosadena out into the country among the commonplace things of this world and it soon began to dawn upon us that we still resided in the flesh and were yet in this world, so we concluded to finish our half day at sight-seeing by going out into the San Gabriel Valley and visit the Old Mission, erected by the Jesuit Fathers in 1771, or five years before the Declaration of Independence was signed. This ancient building is in a fair state of preservation and is still used for church services. From here we turned our faces homeward, passing the Mission grapevine that is said to cover two acres of ground, but we did not stop and go into the inclosure surrounding it, and cannot verify the truthfulness of the preposterous sounding allegation.  
 Enroute home we passed through some of California's oldest orange groves, and on through Alhambra

and Carston's large ostrich farm, then to 301, Boyle Heights, the temporary home of the Carlsons, where the sightseeing journey for this trip ended. It was 5 o'clock p. m. and the machine registered almost ninety miles, and these interesting, exciting and illuminating ninety miles were done in about four hours. Doesn't it sound almost equal to the Mission grape story I refuse to vouch for? I'm wondering, in this land of big things, if one doesn't stand in danger of speaking through telescopes.  
 Good night.  
 C. M. HARRISON.

**BRIEF EXPLANATION OF METRIC SYSTEM**  
 The metric system which is being advocated by a majority of business men in this country has in the minds of most people only one objection, that is that it is complex and difficult to understand.  
 A member of the World Trade club holds the world record for rapid explanations of the metric measurements and the way they ought to be used. He does this in one minute as follows:  
 "Learn only the units, dollar, meter, liter, gram;—dollar, the measure of value; meter, the measure of length; liter, measure of bulk; gram, for weight. You know all about the American dollar. The metric units, meter, liter, gram, are just like dollar, divided decimally and multiplied decimally. If you want to compare metric units with present units, the meter is 10 per cent more than the yard; 500 grams is about 10 per cent more than the pound avordupois, the liter is 5 per cent less than the U. S. liquid quart (13 per cent less than the British liquid quart)—that is all 90 per cent need to use the metric standards."  
**State School Funds to Loan.**  
 Anyone wishing to borrow money on farms at 6% should see Judge Arthur Langguth, attorney and agent for the State Land Board, Supple-Bailin Shipbuilding Corporation's office, East Oak and Water streets, Portland, Oregon. 87

# Advance in the Price of Gasoline

The price of Red Crown gasoline was advanced 1½ cents per gallon on Wednesday, December 17, 1919.

This advance is due to the fact that the Oregon state law specifies that gasoline shall be of 56 degrees gravity, Baume test, to be saleable in the state, which law necessitates our refining a special gasoline for sale in Oregon. In refining this special gasoline a lower yield is secured from the crude oil than in refining our regular gasoline, with consequent increase in cost of the special gasoline.

The advance of 1½ cents a gallon in the price does not fully represent the additional cost to us of manufacturing the special gasoline. At the same time, the higher price of the special gasoline does not secure for the user any greater value than is given in our regular gasoline.

The 56-degree gravity gasoline that we must specially refine and furnish in Oregon is a less efficient gasoline than that regularly produced by this company and sold in Washington, California and elsewhere. Our regular gasoline comes within the United States Government Standard Specifications. It is refined to a set specification of a chain of boiling points determined by our experts as being that which will give the maximum of power and mileage consistent with due regard to gasoline conservation and the maintenance of reasonable prices to the consumer.

**Gravity a False Test of Gasoline Value**

Gasoline is regularly refined by us with regard to its range of boiling points—the only true measure of gasoline value. The Oregon State law establishes a gravity standard for gasoline, which is not indicative of gasoline quality. That "the gravity test is of little or no value in determining the quality of gasoline" was stated by the United States Government's Committee on Standardization of Petroleum Specifications in its report to the Government. Later the United States Government adopted standards for gasoline based on boiling points.

**Boiling Points Are the Only True Measure of Gasoline Value**

Boiling points determine the vaporizing and combustive, or power, qualities of gasoline. They are the only true measure of gasoline value. The gravity test simply compares the density of the liquid gasoline with the density of water at sea level. It can tell nothing about the vaporizing and combustive, or power, values of gasoline. Only the range of boiling points can do that.

**The U. S. Government Standard Specifications for Gasoline**

The United States Government standard specifications for gasoline are based on boiling points—not gravity. Drafted as they were by impartial Government experts, they are generally considered, in the light of conditions today, as the most practical standard for gasoline. They insure an efficient and satisfactory gasoline and at the same time have due regard for the best utilization of our petroleum resources, and the maintenance of reasonable prices to the consumer.

**The Gasoline Problem**

The demand for gasoline is increasing faster than the supply. To hold down the increasing disproportion between the demand and the supply, it is important that every possible drop of gasoline be extracted from the crude oil refined. At the same time the producers must continue their constant search for new sources of crude-oil supply, and the automotive engineers must continue their efforts to get more power and mileage out of the gasoline consumed.

**The Oregon State Law Defeats Conservation**

The Oregon State law, by specifying a gravity standard for gasoline, limits the possible extraction of gasoline from the crude oil and thus operates directly against gasoline conservation, making less plentiful and more costly the supply.

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