

Willows Academy
12th Grade

Summer Enrichment Requirements

Summer 2018



THE
WILLOWS
ACADEMY

The Willows Academy

Summer Enrichment Guidelines

The goal of the summer break is to give our minds, bodies and spirits a time to rest, relax, grow, and prepare for what comes next in our lives. Summer is designed to be a break from the ordinary, to rest, and enjoy all that Chicago has to offer during the summer months. The Willows believes that this rest is accomplished by a change of activity rather than an absence of activity.

In order to help the students use their time well and keep their minds sharp while they relax, The Willows expects students to continue their studies over the summer by completing the summer enrichment expectations.

The **Summer Reading** is designed to be enjoyed throughout the summer months. Texts are chosen not just for their correlation to the curriculum, but also for their literary worth and enjoyment by the student. During the summer, students have the time to read slowly and to savor the texts they are reading, adding this literature to their intellectual fund of knowledge. Students are required to read the texts indicated, but very much encouraged to read from the recommended titles list. Students are also reminded that many libraries carry unabridged copies of these texts on audio books which, when read together with the text can greatly enhance the reading experience.

The **Math Review** is designed to review the previous year's mathematics in order to start the next level of math fully prepared for success. This work should be done throughout the summer. Math review work is required for students with any Quarter or Semester Grade of 84% or below OR a Test Average of 76% in their current math class.

Learning through service to others is an integral component of a Willows education. We encourage our students to begin their **Service Hours** over the summer months. Students in grades 6-12 are required to serve five hours of service in each of the three following categories: care for the elderly, service to the community, and assistance to the impoverished, for a total of fifteen meaningful service hours each year. Service Hours are not due until May 1, 2019, but we advise to get a head start over the summer.

In addition to these required activities, we also encourage parents to closely monitor student use of technology and television during the summer months. One quick guide a parent can use is to balance reading and other wholesome activities with television/technology/cell phone time. For every hour your daughter spends on the computer, in front of the tv, or on her phone, has she spent an hour: reading, doing a craft, playing music, exercising, playing sports, engaged in a service activity, helping out at home? As you well know as parents, it's all about balance!

We hope you enjoy this summer enrichment program, and we look forward to seeing all our students taller, tanner, and intellectually sharp on August 22!

What is a Lexile?

Next to each text on the reading list we identify the Lexile® of each text. A Lexile® provides one piece of information about a student's reading ability or about the difficulty of a text. A Lexile® allows us to predict how well a student may be able to comprehend a text; by matching a student Lexile® with a text Lexile® we increase the chances of students having a successful reading experience.

A Lexile® is based on a different principle than a "grade level equivalency." In the same way that you don't buy a shoe based on your daughter's age, you buy it based on the size of her foot, you don't identify a student's reading level based on her age, but on her actual reading "size." This reading "size" is her Lexile®.

Unlike reading fluency, the Lexile® measure focused on **comprehension**. It indicates identifies your daughter's ability to decipher the words of the text (fluency) and her ability to understand what she just read.

A Lexile® is a flexible measure that acknowledges other factors that influence comprehension. For example, when interest is very high, a child a child may enjoy and comprehend texts at the high end or above her Lexile®. When the text is guided, for example the novels your child will read throughout the years, students can comprehend at much higher Lexile® because the text is read more slowly and its complexity is analyzed and guided in class by a teacher. When content is new or not interesting and unguided (as is summer reading), a student may need to read at a lower Lexile® to comprehend the text.

In addition to Lexile®, however, we all know that reading is a skill: the more a child reads, the stronger her reading skills will become.

We also know that some texts are simple, but very deep due to their themes and, despite their Lexile®, should be read at an older age or several times. For example, The Lion, the Witch and the Wardrobe (L940) could easily be placed on the senior reading list because of its allegory.

When helping your daughter select a text to read, consider two factors: 1) her reading ability and 2) her interest in the topic. To help you do this, we have provided summaries of all the texts on the list. If your daughter is a lower reader, but very interested in the topic, she may be able to do well with a text with a higher Lexile®. If your daughter's interest in a text is very low, she may need a text with a lower Lexile® in order to get through it with comprehension.

From: www.Lexile.com

Although each child is at her own place at her own time...like her shoe size...in general, a student tends to fall into the following Lexile® ranges:

Grade	Lexile Range
1	Up to 300L
2	140L to 500L
3	330L to 700L
4	445L to 810L
5	565L to 910L
6	665L to 1000L
7	735L to 1065L
8	805L to 1100L
9	855L to 1165L
10	905L to 1195L
11 and 12	940L to 1210L

Incoming 12th Grade:

Math Review

All incoming Pre-Calculus and Calculus students are required to complete a packet. You will receive this packet in class.

Students with any Quarter or Semester Grade of 84% or below OR a Test Average of 76% or below in Algebra II or Pre-Calculus are required to review their math skills using a Khan Academy Virtual Classroom. You will receive your assignments in class. Your online work will be graded and due by **Monday, August 20th**. *Please note that after you practice an assigned skill, there is a waiting period before you can access the mastery test on that skill.*

World Language Review

With the goal of letting the girls have a break from the rigors of school, the French and Spanish language teachers have decided to create an opportunity for grades 10-12 to maintain and ideally sharpen their skills through the use of the online program **Duolingo**. Participation will be voluntary but highly encouraged, and teachers have explained the benefits of maintaining all of the skills that the girls have worked so hard to acquire during the year.

The lessons are “gameified”, meaning they are entertaining, and competition with oneself is rewarded with “expert points” and gold circles. There is a placement test offered at sign-up so that girls can place out of the very elementary lessons and begin at a higher level if they choose to do so.

Again, participation is not mandatory but highly encouraged, and the benefits of using Duolingo should be felt by all levels. The programs in French and Spanish are available on both the computer and smartphone.

AP French has additional (mandatory) summer requirements:

Students will receive a list of listening sources and a template that will require them to listen to 30 minutes/week for 9 weeks. They will write a summary in French (at least 4-5 sentences) of what they learned and note vocabulary words in French and English. Students will use the Internet as a source for listening, and should choose sources based on the AP curriculum’s six main themes, which will be provided in the packet. Each listening exercise will be worth up to 5 points (based on the AP grading scale), for a total of 45 points, and will be **due on the first day of class**.

AP Spanish has additional (mandatory) summer requirements:

Students will do three written reports (250 words minimum each) utilizing two sources. It is required that projects and sources be exclusively in the Spanish language. The first source will be a written source from a scholarly journal, newspaper or magazine. The second source will be an audio source from news video clip or a documentary. Students will find their sources on Internet websites provided.

Students will use the Internet as a source of current topics, listening skills, and research, choosing three different topics of their choice based on the AP curriculum’s six main themes. Projects are **due the first day of class** and they are worth a total of 45 points (15 pts. each)

Summer Reading

Assignment: Read the text marked “REQUIRED”. The books listed under “suggested books” are not required, rather they are optional recommendations that students may choose from for additional summer enrichment.

Assessment: In-class discussion and essay.

Required:

Honors British Literature:

REQUIRED: Pride and Prejudice by Jane Austen (L1060)

One of the most universally loved and admired English novels, *Pride and Prejudice* was penned as a popular entertainment. But the consummate artistry of Jane Austen (1775–1817) transformed this effervescent tale of rural romance into a witty, shrewdly observed satire of English country life that is now regarded as one of the principal treasures of English language. In a remote Hertfordshire village, far off the good coach roads of George III's England, a country squire of no great means must marry off his five vivacious daughters. At the heart of this all-consuming enterprise are his headstrong second daughter Elizabeth Bennet and her aristocratic suitor Fitzwilliam Darcy — two lovers whose pride must be humbled and prejudices dissolved before the novel can come to its splendid conclusion.

OPTIONAL: Jane Eyre by Charlotte Bronte (L780)

Jane Eyre is the story of a small, plain-faced, intelligent, and passionate English orphan. Jane is abused by her aunt and cousin and then attends a harsh charity school. Through it all she remains strong and determinedly refuses to allow a cruel world to crush her independence or her strength of will. A masterful story of a woman's quest for freedom and love. *Jane Eyre* is partly autobiographical, and Charlotte Brontë filled it with social criticism and sinister Gothic elements. A must read for anyone wishing to celebrate the indomitable strength of will or encourage it in their growing children.

AP English Literature:

REQUIRED (1) Pride and Prejudice by Jane Austen (L1060)

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REQUIRED (2) Jane Eyre by Charlotte Bronte (L780)

Jane Eyre is the story of a small, plain-faced, intelligent, and passionate English orphan. Jane is abused by her aunt and cousin and then attends a harsh charity school. Through it all she remains strong and determinedly refuses to allow a cruel world to crush her independence or her strength of will. A masterful story of a woman's quest for freedom and love. *Jane Eyre* is partly autobiographical, and Charlotte Brontë filled it with social criticism and sinister Gothic elements. A must read for anyone wishing to celebrate the indomitable strength of will or encourage it in their growing children.

Suggested Books for Additional Summer Enrichment:

Anna Karenina by Leo Tolstoy (L1080)

Anna Karenina is one of the most loved and memorable heroines of literature. Her overwhelming charm dominates a novel of unparalleled richness and density. Tolstoy considered this book to be his first real attempt at a novel form, and it addresses the very nature of society at all levels, - of destiny, death, human relationships and the irreconcilable contradictions of existence. It ends tragically, and there is much that evokes despair, yet set beside this is an abounding joy in life's many ephemeral pleasures, and a profusion of comic relief.

Bleak House by Charles Dickens (L1180)

As the interminable case of 'Jarndyce and Jarndyce' grinds its way through the Court of Chancery, it draws together a disparate group of people: Ada and Richard Clare, whose inheritance is gradually being devoured by legal costs; Esther Summerson, a ward of court, whose parentage is a source of deepening mystery; the menacing lawyer Tulkinghorn; the determined sleuth Inspector Bucket; and even Jo, the destitute little crossing-sweeper. A savage, but often comic, indictment of a society that is rotten to the core, *Bleak House* is one of Dickens's most ambitious novels, with a range that extends from the drawing rooms of the aristocracy to the poorest of London slums.

Brave New World by Aldous Huxley (L870)

Far in the future, the World Controllers have created the ideal society. Through clever use of genetic engineering and brainwashing, all its members are happy consumers. Bernard Marx seems alone harbouring an ill-defined longing to break free. A visit to one of the few remaining Savage Reservations, where the old, imperfect life still continues, may be the cure for his distress.

Emma by Jane Austen (L990)

Emma, by Jane Austen, is a novel about youthful hubris and the perils of misconstrued romance. The novel was first published in December 1815. As in her other novels, Austen explores the concerns and difficulties of genteel women living in Georgian-Regency England; she also creates a lively comedy of manners among her characters. Before she began the novel, Austen wrote, "I am going to take a heroine whom no one but myself will much like." In the very first sentence she introduces the title character as "Emma Woodhouse, handsome, clever, and rich." Emma, however, is also rather spoiled, headstrong, and self-satisfied; she greatly overestimates her own matchmaking abilities; she is blind to the dangers of meddling in other people's lives; and her imagination and perceptions often lead her astray.

Crime and Punishment by Fyodor Dostoevsky (L900)

One of the supreme masterpieces of world literature, *Crime and Punishment* catapulted Dostoyevsky to the forefront of Russian writers and into the ranks of the world's greatest novelists. Drawing upon experiences from his own prison days, the author recounts in feverish, compelling tones the story of Raskolnikov, an impoverished student tormented by his own nihilism, and the struggle between good and evil. Believing that he is above the law, and convinced that humanitarian ends justify vile means, he brutally murders an old woman — a pawnbroker whom he regards as "stupid, ailing, greedy...good for nothing." Overwhelmed afterwards by feelings of guilt and terror, Raskolnikov confesses to the crime and goes to prison. There he realizes that happiness and redemption can only be achieved through suffering. Infused with forceful religious, social, and philosophical elements, the novel was an immediate success.

Dracula by Bram Stoker (L1020)

Count Dracula, a tragic, night-dwelling specter who feeds upon the blood of the living, and whose diabolical passions prey upon the innocent, the helpless, and the beautiful. But *Dracula* also stands as a bleak allegorical saga of an eternally cursed being whose nocturnal atrocities reflect the dark underside of the supremely moralistic age in which it was originally written -- and the corrupt desires that continue to plague the modern human condition.

Gulliver's Travels by Jonathan Swift (L1330)

Shipwrecked and cast adrift, Lemuel Gulliver wakes to find himself on Lilliput, an island inhabited by little people, whose height makes their quarrels over fashion and fame seem ridiculous. His subsequent encounters - with the crude giants of Brobdingnag, the philosophical Houyhnhnms and the brutish Yahoos - give Gulliver new, bitter insights into human behaviour. Swift's savage satire view mankind in a distorted hall of mirrors as a diminished, magnified and finally bestial species, presenting us with an uncompromising reflection of ourselves.

North and South by Elizabeth Gaskell (L860)

When her father leaves the Church in a crisis of conscience, Margaret Hale is uprooted from her comfortable home in Hampshire to move with her family to the north of England. Initially repulsed by the ugliness of her new surroundings in the industrial town of Milton, Margaret becomes aware of the poverty and suffering of the local mill workers and develops a passionate sense of social justice. This is intensified by her tempestuous relationship with the mill-owner and self-made man, John Thornton, as their fierce opposition over his treatment of his employees masks a deeper attraction. In *North and South*, Elizabeth Gaskell skillfully fuses individual feeling with social concern, and in Margaret Hale creates one of the most original heroines of Victorian literature.

God's Secret Agents by Alice Hogge

As historian Hogge points out in this sometimes dry and sometimes lively popular religious history, the impulse to return Catholicism to England in the latter part of the 16th century arose with the establishment of the Anglican Church. In the early days of her reign, Elizabeth instituted strict laws regarding church attendance and religious practice with punishments that included fines and death. By the time that James I ascended to the throne, persecution of Catholics had risen to such a pitch that a group of Catholic conspirators, including most famously Guy Fawkes, hatched a plot to blow up Parliament. Hogge provides a tantalizing glimpse into the lives of the priests—such as Edmund Campion, John Gerard and Henry Garnet—who made martyrs of themselves in their efforts to reinstate Catholicism in England. Hogge deftly narrates the seething world of religious conflict in late 16th- and early 17th-century England, as well as the intra-Catholic conflicts that arose in the face of persecutions by the throne. Anyone interested in vibrant details of the Gunpowder Plot will have to look elsewhere, since the event plays a small role in Hogge's book, but for a detailed sketch of the religious conflict that led to the plot, Hogge's book provides a starting point.

The Immortal Life of Henrietta Lacks by Rebecca Skloot (L1140)

Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer who worked the same land as her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine. The first “immortal” human cells grown in culture, they are still alive today, though she has been dead for more than sixty years. If you could pile all HeLa cells ever grown onto a scale, they'd weigh more than 50 million metric tons—as much as a hundred Empire State Buildings. HeLa cells were vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb's effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions.

AP Chemistry

Required: Complete a review packet created by the instructor (answers provided).

Assessment: Test on the first Monday of the school year.

Advanced Art

Students must meet with Mrs. Morris to discuss summer requirements (college level summer class + packet).