NOTES:
TABLE OF CONTENTS

Science
Primary Science ................................................................. 3-4
Intermediate Science ......................................................... 5-6

Social Studies
Primary Social Studies .......................................................... 7
Intermediate Social Studies .................................................... 8-10

Mathematics
Primary & Intermediate Math ................................................. 10

Literacy
Primary & Intermediate Literacy ............................................. 11-12

Languages & Cultures
Primary & Intermediate ........................................................... 13

Technology
Primary & Intermediate ............................................................ 14-15

Fine Arts
Primary & Intermediate ........................................................... 16-17

Music
Primary & Intermediate ............................................................ 18-19

Physical Fitness & Dance
Primary & Intermediate ............................................................ 20-22

Extended Learning Program
Primary & Intermediate .......................................................... 23-24

Essentials Checklist
Primary & Intermediate ............................................................ 25-26

INTERMEDIATE ESSENTIALS (GRADES 4-8)

These classes complete the FNSBSD science curriculum objectives for grades 4-8 which are aligned with Alaska State Standards.

SCIENCE (grades 4-8)

___ Star Trek
___ Earthquake
___ Tangled Webs
___ Wave Rave
___ Blood & Guts
___ 6th Kingdom
___ Shocking Experience
___ Fizzy Formulas
___ Weather Detectives
___ Hair Today, Gone Tomorrow (Grades 7/8)
___ What Goes Up Must Come Down! (Grades 7/8)

INTERMEDIATE HISTORY/SOCIAL STUDIES (grades 4-8)

___ Westward Bound! American History 19th Century
___ Map Quest...Geography and current events
___ North To Alaska
___ Colonial Village
___ Do You Dig Mummies... Ancient civilizations
___ Treasure Island...The Age of Exploration
___ Route 66...US Geography
___ Shades of Blue and Gray...Civil War
___ It’s a Small World...Advanced Geo(Grades 7/8)
___ We The People...Civics (Grades 7/8)
**PRIMARY ESSENTIALS**

**(GRADES 1-3)**

Use this checklist to assist you in planning for registration.

All primary essentials are offered every year.

These classes complete the FNSBSD science curriculum objectives for grades 1-3, which are aligned with Alaska State Standards.

**PRIMARY SCIENCE (grades 1-3)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade(s)</th>
<th>Recommended for Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Junior Scientists Grade 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explore Earth Science Grades 2-3</td>
<td>2-3</td>
<td>2</td>
</tr>
<tr>
<td>Explore Physical Science Grades 2-3</td>
<td>2-3</td>
<td>2</td>
</tr>
<tr>
<td>Explore Motion and Machines Grades 2-3</td>
<td>2-3</td>
<td>3</td>
</tr>
<tr>
<td>Explore AK Life Science Grades 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PRIMARY HISTORY (grades 1-3)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade(s)</th>
<th>Recommended for Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our Town... Government &amp; Politics</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>American Express Geo &amp; Current Events</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Time Machine...History of Fairbanks</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Me on the Map...World Geography</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**PLEASE NOTE:**

- Some intermediate social studies and science classes are offered on alternating years only. Plan accordingly.

- **Class offerings may change based on funding and course interest.**

- Most Spanish and Band Orchestra classes are full year or 2 semester courses. Please register for the appropriate number of quarters (2 or 4).

- This symbol indicates that the class will utilize a rigorous curriculum and will be taught at a faster pace than most classes. Only students who are able to meet these standards should register for these classes. Priority will be given to students who have qualified for the ELP program.

- Middle school science and social studies classes will be open to 6th graders with supporting test scores.
ESSENTIAL PRIMARY SCIENCE

*JR. SCIENTISTS (1) — ESSENTIAL SCIENCE—
The Junior Scientists class will introduce science to first grade students. They will focus on the role of plants in the food web, heat, light, weather, and the elements. Students will improve their ability to observe, measure, and predict through simple investigations. They will learn about famous scientists such as George Washington Carver, Orville and Wilbur Wright, and Louis Pasteur. SC10

*EXPLORE EARTH SCIENCE (2-3) — ESSENTIAL SCIENCE—
Students will learn about Earth’s orbit, tilt, and rotation. This class will discuss the water cycle, erosion, and soil. Students will study famous scientists. In second and third grade, students begin to understand the scientific process and develop skills for scientific inquiry. SC03

*EXPLORE PHYSICAL SCIENCE (2-3) — ESSENTIAL SCIENCE—
Students will explore how sound is produced and travels. They will investigate the relationships between force, motion and energy. Students will learn about electricity, and how it is used to produce light, heat, and motion. Students will study famous scientists. In second and third grade, students begin to understand the scientific process and develop skills for scientific inquiry. SC05

*EXPLORE MOTION AND MACHINES (2-3) — ESSENTIAL SCIENCE—
Students will learn the six types of simple machines and how they work. Students will design and build a series of simple machines. They will be able to recognize simple machines as parts of other more complex machines. As a class, a complex machine will be invented with which they will apply the concepts of force, motion, and gravity.

*EXPLORE ALASKA LIFE SCIENCE (3) — ESSENTIAL SCIENCE—
Learn about plant ecosystems, fossils, and insects with an Alaskan focus. Students will continue to develop their understanding of scientific skills. TE25

EXTENDED LEARNING PROGRAM

WRITE THE FUTURE (4-8) — Advanced
After studying four current global issues, students will choose one and write a futuristic scenario that draws on their research. They may choose to enter their work into the International FPS Scenario Competition. Students will read and discuss acclaimed short stories, responding to each other’s writing, revising and learning tips for how to craft a well written short fiction story. LI47

PEP! (1-3) — Advanced
Advanced primary students explore visual, creative and logical thinking as well as developing attributes and classification skills. Students will be placed in this class through teacher recommendation. Please indicate interest on course selection sheet. TE28

CREATIVE PROBLEM SOLVING (4-8) — Advanced
Students learn and practice a six-step problem solving process as they apply it to both local and global issues. This class involves research, reading, discussion, writing, designing, and working with a team while building creative thinking skills. Fluency, flexibility, elaboration, and originality of ideas are emphasized. SS06

MINI SOCIETY (5-8) $15.00 fee — Advanced
Learn how a corporation is established as you produce, advertise, market, and sell your product for a profit. Meanwhile, learn economic principals such as scarcity, supply and demand, and the characteristics of a free market economy. Be an entrepreneur and form your own company! SS49

IMAGINE, EXPLORE, CREATE (3-5)(6-8)
Students will work on a variety of projects that span the curriculum and incorporate multiple subjects. Emphasis will be placed on high level thinking skills, creativity, problem solving and persistence with tasks. TE16
EXTENDED LEARNING PROGRAM

These classes will utilize a rigorous curriculum and will be taught at a faster pace than most classes. Only students who are able to meet these standards should register for these classes. Priority will be given to students who have qualified for the ELP program.

ART OF DIPLOMACY (6-8)  ◆Advanced

Learn to negotiate your way out of any situation, broker peace between nation states (or squabbling siblings!) and use words to create a better tomorrow. Explore treaties and agreements among countries throughout history and imagine the promises of the future. SS16

MYSTERY THEATER (4-8)  ◆Advanced

Students will assume the role of various characters and potential crime suspects while using clues revealed during mystery luncheon parties and forensic follow up labs to solve the crime. After working through several provided mysteries, students will create their own characters and clues for the class to solve as they host a mystery of their own design. In addition to an interest in reading and writing mysteries, students must enjoy a bit of drama complete with costumes and accents. LI43

DREAM HOUSE (4-8)  ◆Advanced

Students will draw from literature, science, and their imaginations to design a dream home. Fieldtrips and guest speakers will provide students with design ideas. Students will build a scale model and do a presentation to share their ideas and the reasoning behind it. TE10

HISTORY DAY (4-6)  ◆Advanced

Why let the middle school students have all the History Day fun? Explore the 2018 History Day theme, “Triumph and Tragedy in History” by investigating a topic of your choice and creating a website, documentary, performance, essay or presentation board to enter in the district competition.

COMPETITIVE DEBATE (6-8)  ◆Advanced

Make your point in a big way as you get to argue to everything from school lunch to the legal voting age. You will learn to use research for rational and sound arguments in the context of advanced competitive formal debate. SS27

OPTIONAL PRIMARY SCIENCE

CREEPSY CRAWLIES (1-3)

Students investigate the mysteries behind our creepy, crawly, fascinating neighbors! We will explore the exciting world of entomology and discover creatures found around the world. Each student will research the habits and unique features of insects. SC35

BUBBLES AND BOILS (1-3)

Students will learn, through several experiments, about simple scientific phenomena, such as physical and chemical changes; states of matter-solids, liquids and gases, and the cause and effect of heat. SC43
ESSENTIAL INTERMEDIATE SCIENCE

These explorations provide an overview of all district curriculum objectives in grades 4-8. After taking all of these “essential” classes, (marked with an *) an intermediate student will be prepared for the state science exam. The classes are designed to last one quarter. Every science exploration at the Magnet School will routinely use the science process skills of observation, prediction, hypothesis forming, data collection and analysis. Middle school classes will be appropriately rigorous in preparation for high school.

WEATHER DETECTIVES (4-6)(6-8) ~ESSENTIAL SCIENCE~
Explore the dynamic planet that we live on. Students will explore how earth processes change the face of our planet. We will see how movement within the earth’s crust causes mountains to form, volcanoes to erupt, and earthquakes to occur. Students will explore the rock cycle and how it further affects earth’s surface, using hands on activities and samples to bring long-term earth processes to life. This class will be offered again in 2018/2019. SC17

*6TH KINGDOM (4-6)(6-8) ~ESSENTIAL SCIENCE~
Be the first in your neighborhood to learn of the 6th kingdom. Identify a mystery critter using an identification key. Celebrate diversity of life on earth. Can you say monocotyledon 10 times fast? SC23

*SHOCKING EXPERIENCE (4-6)(6-8) ~ESSENTIAL SCIENCE~
Use wires, batteries, bulbs and switches to build series and parallel circuits. Design your own circuits. Construct wet cell batteries and learn about resistors, fuses and breakers. Students will understand how voltage, current and resistance relate to each other and will explore the relationship between electricity and magnetism. Learn the shocking facts about static electricity. SC40

BLOOD & GUTS (4-6) (6-8) ~ESSENTIAL SCIENCE~ Ever wonder what makes up you? Students will learn through research and experiments what you are made of and how each system in your body works. SC45

FITNESS

BALLROOM DANCE! (5-8)
This class, designed especially for our middle school students, will teach the basic moves and techniques for several popular ballroom dances. The class will culminate in a formal and fancy ballroom event! This class will be taught by Dance Arts Academy. FH33

* HEALTHY START! (6-8) ~ESSENTIAL ~
At some time during 6th, 7th or 8th grade, students must enroll in Healthy Start! This class will focus on health, wellness, and lifestyle and will cover such topics as self-concept, stress management, the digestive and respiratory systems, nutrition, communicable diseases and chemical awareness and dependency. Students will begin to understand the connections to what they do now and their long-term health! FH44

DANCE THEATRE (4-6)
This is a very popular class which gives children a greater self-confidence and enhances their stage performance. Incorporating elements of dance, acting, voice, and performance techniques, Musical Theatre students learn what it takes to become "Broadway bound"!! FH14

ZUMBA! & ZUMBA KIDS! (4-6) (1-3)
Zumba infuses Latin rhythms and easy to follow dance moves in this dynamic and exciting class. This aerobic dance will really get you moving. This class will be taught by Dance Arts Academy. FH39

RACQUET GAMES (6-8)
Students will be taught the proper techniques and rules for badminton, pickle ball, tennis, ping-pong, cricket, and lacrosse. FH06/08
**ESSENTIAL INTERMEDIATE SCIENCE**

*WHAT GOES UP MUST COME DOWN! (7/8) – ESSENTIAL–
Unlock the mysteries behind Newton’s laws of force and motion. Experiment with relationships among force, friction, mass, acceleration, and more. Find out just how cool gravity is. May the force be with you! **Offered every year. Open to 6th grade students with supporting test scores. SC27**

*HAIR TODAY GONE TOMORROW! (7/8) – ESSENTIAL–
Did you inherit that tongue roll and what’s the probability of growing bald? Students will understand the role of genes in determining our traits. Learn microscope skills. **Offered every year. Open to 6th grade students with supporting test scores. SC21**

FIZZY FORMULAS (6-8) – ESSENTIAL–
Explore the science of food. Every time you follow or modify a recipe, you are experimenting with acids and bases, emulsions and suspensions, gels and foams. In your kitchen you denature proteins, crystallize compounds, react enzymes with substrates, and nurture desired microbial life while suppressing harmful bacteria and fungi. And unlike in a laboratory, you can eat your experiments to verify your hypotheses. **SC24**

EINSTEINS EXPERIMENTS (4-6) (6-8)

Do the ideas of black holes, alternative universes and sub-atomic particles grab your interest? Spend time exploring a variety of scientific phenomena as you expand your interest, knowledge and horizons in the ever-expanding world of Einstein’s Experiments. This is a new offering!

**FITNESS**

**PRIMARY TAE KWON DO (1-3) $15.00 fee**
Midnight Sun Martial Arts Academy instructs students toward the goal of earning their yellow stripe as they learn self-defense techniques, health and physical fitness principles, Korean history and language and non to light contact sparring techniques. The class fee of $15 includes the manual mouthpiece and white belt. FH45

**BEGINNING TAE KWON DO (4-8) $15.00 fee**
Midnight Sun Martial Arts Academy instructs students through the process of earning their yellow belt as they learn self-defense techniques, health and physical fitness principles, Korean history and language and non to light contact sparring techniques. The class fee of $15 includes the manual, mouthpiece and yellow belt. FH42

**YELLOW BELT TAE KWON DO (4-8) $15.00 fee**
Midnight Sun Martial Arts Academy continues instruction for students who have earned their yellow belt. They have the opportunity to build on what they’ve learned. The class fee of $15 includes the manual, mouthpiece and yellow belt. FH43

**MOVING AND GROOVING! (1-3)**
Learn and move with modern dance, pre-jazz and ballet. Get your wiggles out, as you learn simple dance moves, with Dance Arts Academy. Take it more than once, different songs and dances each time. FH30

**HIP HOP! (4-6)(6-8)**
Learn to dance like a pro. Hip hop, funk and all of the latest dance moves performed by Poppers and Lockers today. What a great way to get your exercise! This class will be taught by Dance Arts Academy. Take it more than once, different songs and dances each time. FH32

**CHEER & STUNTS (4-6)(6-8)**
Jump into action learning a variety of cheers, drills and stunts! Get your pom-poms out and be ready to shout!

**ALASKA SPORTS & REC (1-3)(3-5)(6-8)**
Get fit in Alaska! Activities include snowshoeing, orienteering, Alaska Native games, sledding, skiing, and other games. Students must bring their outdoor gear. FH16/02
ESSENTIAL PRIMARY SOCIAL STUDIES

After taking all four of these essential classes, your child will have completed the FNSBSD social studies curriculum objectives for grades 1-3 which is aligned with Alaska State Standards in Geography, Government and Citizenship, and History.

*OUR TOWN GOVERNMENT AND POLITICS (1-3) - ESSENTIAL -
Students will create and construct a town complete with an elected mayor, town charter and laws, shopkeepers, banker, manufacturers, and other services. They will explore rules, laws, voting, and how individual actions affect the group and more. SS01

*AMERICAN EXPRESS (1-3) - ESSENTIAL -
Students will explore destinations, map out a route, read and create travel brochures, and get their passport stamped. This course will place particular emphasis on the culture and geography of our country’s neighbors to the north and south! SS05

*TIME MACHINE...HISTORY OF FAIRBANKS (1-3) - ESSENTIAL -
Go back in time 100 years and spend a day in a Fairbanks classroom. Explore, identify and locate Alaska on the map and basic land formations. Learn to describe how Athabascans and early settlers contributions shaped the development of our community. SS03

*ME ON THE MAP! (GRADES 1-3) - ESSENTIAL -
Students will explore geography through an atlas they create with information about themselves and their world as they see it. Geographic skills learned will be cardinal directions, measuring & scale. Topics covered will also include the 7 continents, the 4 hemispheres, the equator and prime meridian, the oceans and major seas. SS32

OPTIONAL PRIMARY SOCIAL STUDIES

CASTLES (1-3)
Are you interested in King Arthur and the Knights of the Round Table? Are you fascinated with castles and dungeons? Were there really dragons? Take this class to find out!

FITNESS

HOP, SKIP, JUMP! (1-2)
This class is geared for the young student who needs to get the wiggles out with a combination of structured and unstructured play. Weather permitting; this activity time will alternate between inside and outside activities. Students must bring their outdoor gear! FH48

PLAYGROUND GAMES (2-4)
Get outside and get moving! This class will provide supervised unstructured playtime on the playground. Students will need to be prepared to go outside in all weather. Please note, this class will be graded as pass/fail. FH04

READY, SET, GO! (3-5)
This class is geared for the primary student in third through fifth grade. This class will encourage physical fitness, develop individual skills and team skills, and introduce a variety of activities and sports. Weather permitting; this activity time will alternate between inside and outside activities. Students must bring their outdoor gear! FH40

SPORTS ARENA (6-8)
For the young athlete who enjoys team sports, this course will emphasize basic skills development, which is essential to succeeding in sports. The importance of physical fitness, health, nutrition, good sportsmanship and working as a team will be stressed as students participate in a variety of sports and games. FH19

DISC SPORTS (3-5)(6-8)
Learn how to throw a Frisbee, play disc golf, play Ultimate Frisbee, and keep score. Individual and team skills will be taught. FH27/FH24

AK SPORTS & REC (1-3) (3-5) (6-8)
Get fit in Alaska! Activities include snowshoeing, orienteering, AK Native games, sledding, skiing and other games. Students must bring their outdoor gear. FH16/FH02
MUSIC

All Band and Orchestra classes are full year courses. Please mark all 4 quarters on your exploration course worksheet.

STRING ORCHESTRA (4-8) 4 QTRS $5.00 fee
Students will learn to play or continue their studies on a traditional string orchestra instrument. They may choose violin, viola, cello, or double bass. Ensemble performances will be an integral part of this course. MU15

STRIKE UP THE BAND (4-8) 4 QTRS $5.00 fee
Students will learn to play or continue their studies on a traditional concert band instrument from the woodwinds, brass, or percussion family. Ensemble performances will be an integral part of this course. MU11

ADVANCED SYMPHONY (4-8) QTRS REQUIRED (2,3,4) $5.00 fee
Advanced Band and Orchestra students will learn to play in a symphonic setting, which includes all the concert band and string orchestra instruments. After they have mastered their primary instrument these advanced players will have the opportunity to take on a secondary instrument. Ensemble performances will be an integral part of this course. MU35

ESSENTIAL INTERMEDIATE SOCIAL STUDIES

These explorations provide an overview of district curriculum objectives in grades 4-8. After taking these "essential" classes, (marked with an *) a student will have completed the objectives in the social studies curriculum which are aligned with the Alaska State Standards in Geography, Government and Citizenship and History.

*SHADES OF BLUE & GREY (4-6) (6-8) ~ESSENTIAL-
From tobacco plantations to the battles of Gettysburg, learn about this era of the Civil War and the rebuilding of the South. SS34

*TREASURE ISLAND... Exploration (4-6)(6-8) ~ESSENTIAL ~
Become a famous explorer and convince the monarchy you have got the stuff to complete your voyage to the New World. Watch out for pirates as you map your route across the sea to find the gold. Learn about the Renaissance as it impacted the development and rise of the United States. Once in America, uncover the mysteries of the ancient Mayan, Aztec and Incan civilizations. SS31

*ROUTE 66.. US Geography (4-6) (6-8) ~ESSENTIAL ~
Take a journey from Portland, Maine to Portland, Oregon! Learn about U.S. Geography in depth. SS33

*WE THE PEOPLE - CIVICS (7-8) ~ESSENTIAL ~
Explore the beliefs that are the basis for our legal and political institutions in America. Study current events and demonstrate community and political involvement. Be a more informed citizen! Included in this class will be a review of eighteenth century American history. Offered every year. Open to 6th grade students with supporting test scores. SS17
ESSENTIAL INTERMEDIATE SOCIAL STUDIES

*DO YOU DIG MUMMIES (4-6) (6-8)  
Wear a toga or learn to calculate in Egyptian. Wrap a mummy and participate in the first olympics. After studying an ancient culture and comparing basic needs and experiences common to all civilizations, students will create artifacts to bury for a simulated archeological dig. What was everyday life like in Greece, Rome and Egypt thousands of years ago? Students will have an understanding of why these civilizations flourished, expanded and diminished. SSA30

*SMALL WORLD...Advanced Geography (7-8)  
Students will examine some of the world’s major modern cultures as they learn about the location, physical features, economy, lifestyles, food, religious practices, and values of each. Become a global citizen as you discover which culture travels a mile deep into the earth and where people who eat raw food live the longest. Offered every year. Open to 6th grade students with supporting test scores. SS40

MUSIC

SHAKE, RATTLE, AND ROLL (1-3)  
Listen, watch, and feel. Students will play a variety of rhythm instruments as they learn general music basics! They will learn to play a steady beat, learn to follow a musical "score", and play at the appropriate time. MU01

WORLD BEAT (4-8)  
Drum up the beat in this class offering a rhythm experience which will introduce instruments and ensemble performances. Some music notation will be taught. Emphasis will be placed on creating rhythms using various instruments.

TRAVELING TUNES (1-3)  
Enjoy this traditional music class for an exposure to a variety of music and an emphasis on learning and singing popular children’s songs. FA67

ELECTRIC KEYS (4-8)  
In this course, the student will learn to play a keyboard instrument. Designed for students with no previous experience, the basic fundamentals of music and playing technique will be introduced. This class will be offered 3 quarters in a row and students may register for any or all of the 3 quarters. FA38

UKELELE (4-8)  
Learn to play the ukulele! Learn cords and simple songs to be a part of a ukulele ensemble!

RAISE YOUR VOICES CHOIR (1-3) (4-8)  
Find the joy in singing! In this course students will develop their natural singing voices. Emphasis will be placed on posture, breathing, and producing beautiful music! MU26/27
OPTIONAL INTERMEDIATE SOCIAL STUDIES

CAREER CHALLENGE (6-8)

In this exploration, we will look closely at future career choices. We will take interest inventories, explore multiple intelligences, and talk with a variety of guest speakers from numerous occupations. The main focus will be on the Alaska career information system. We will be creating portfolios using AKCIS and taking state required career readiness tests on the WIN (Worldwide Interactive Network) Website. Explore your future now! TE63

MATH

MATH FOR ME! (1-3)

Learn to count money, measure, play math games, and look at the ways math is used in everyday life. Using creative play, students will strengthen their math skills in fun and interesting opportunities. MA04

NEW!! MATH FOR ME ADVANCED (2-4)

This class is for any student who desires to further their math skills in a fun way. If you have taken math for me, but are seeking advanced math skills, this class is for you! Learn skills that will help you in every math class you will take! Improve your abilities in the world of math without the pressure of keeping up with the class.

MATH COUNTS (6-8)  Advanced

This advanced exploration is for strong math students. Students will apply math skills to complex math problems. Middle school students may have the opportunity to participate in the Math Counts competition. MA04

BRAIN GAMES (4-8)

Practice logic, math, strategy and reasoning while playing games! Chess, math games, logic puzzles, optical illusions and brainteasers will challenge and captivate young minds! MA02
LITERACY

IMAGINATION STATION (1-2)
Play is powerful! Develop language and social skills through creative hands-on play. Building materials, puppets, music, and multi-purpose props will be used to foster cooperative learning. The class will help enhance math and language arts achievement using literature as a springboard. LI44

BOOK COOKS (1-3) $15.00 fee
Young chefs cook up fun recipes inspired by favorite children's books. Organized into tasty themes, learning will include art projects, related songs and poems, writing, graphing, measuring and solving fractions. LI01

THE WRITE STUFF PRINT & TYPING (2-3)
This class will split its time between learning handwriting and keyboarding skills. Practice handwriting with a variety of writing and artistic projects. This class will help develop the fine motor skills needed for handwriting with a fun emphasis on presentation. Work on early writing skills. Learn to type using the home row. LI22

YOUNG WRITERS PUBLISHING (1-3) (4-6)
Develop your personal portfolio as you experiment with a variety of writing styles; short stories, poems, letters, plays and comic books, etc. grow as a writer by being in response groups with other devoted young authors. Finally, illustrate and bind selected works into your own "published" book. LI11

POINT-COUNTERPOINT… (4-6)
Debate/Mock Trial … Make your point in a big way as you get to argue to everything from school lunch to the legal voting age. You will learn to use research for rational and sound arguments in the context of a formal debate. Will you be a prosecuting attorney or a jury member? SS27

READER'S THEATER (2-4)
Don’t just read the book, become the character! Learn voice techniques as you make the characters in the book come alive. Act out the stories with your class and really get into character. A focus on reading and comprehension will be applied. FA55

FINE ARTS

NATURE ART (1-3) $10.00 fee
Observe your natural surroundings and learn to see the beauty of nature. Students will use nature’s colors, forms and materials to create works of art. FA27

CREATIVE CRAFTS (1-3) $10.00 fee
Try a little bit of everything, and learn a mix of various artistic mediums. Papier-mâché’, origami, batik, and bead making are just some of the possibilities! FA57

ARTASTIC (1-3) $10.00 fee
Young artists will learn about other cultures through art. Using a variety of mediums, students will explore art throughout the world. FA08

DRAWING 101 (4-6)(6-8) $10.00 fee
Everyone can draw! Learn how to incorporate linear perspective and accurate proportions into your artwork. Hone your drawing skills by practicing keen observation. Experiment with pencil, charcoal, and ink techniques. This class will help all students successfully find their inner artist. Keeping a sketchbook all quarter will be required for class participants. FA23

SERVICE LEARNING ART (4-6)(6-8) $10.00 fee
Students will try their hands at studio art production, community service and participation in local cultural events. Help beautify the city of Fairbanks through art. FA02
**TECHNOLOGY**

**SPECIAL FX (6-8)  $10.00 fee**
We will learn about special effects in the movie and advertising industries. Students will create their own special effects projects in digital media. TE41

**BASIC ROBOTICS (4-8)**
Students will program and control actual robots that they build themselves using specially created software and Lego building materials. TE15

**ROBOTICS II (5-8)**
Pick up where you left off with Basic as you design more complicated projects. (Prerequisite is Basic Robotics) TE17

**GAMES DESIGN (6-8) SEMESTER BASED COURSE *2 QTRS***
This S.T.E.M. based program lets students explore the makings of successful games and the physics involved in these programs. They gradually expand outward to programming several different games using current coding rules and programs and finish the course by creating their own game as part of a design team. This class is intensive; students must be capable of working with a team of their peers. **This is a semester-based course. Register for quarters 1 & 2.** TE24

**A YEAR IN PICTURES (6-8)**
Students will use digital photography to document life at Barnette. Learn how to operate a digital camera and work with digital photos on a computer. Learn the elements of design and layout. Take photos for and work on the Barnette Yearbook. TE02

**GOOD MORNING BARNETTE (6-8)**
Students work on a weekly production of a news show all about Barnette! Special segments, news reporting and anchor positions available. Students must be willing to be in front of the camera and enjoy the spotlight! Come discover what being in video production is like! TE43

**STOP MOTION ANIMATION (5-8)**
Students learn about stop motion animation and make their own stop motion videos on an Ipad. TE12

**LITERACY**

**THE DARING CLASS FOR GIRLS! (4-8)  $15.00 fee**
Whether you’re a girly-girl, an athlete, a brainiac, or a little bit of everything, this class is designed for you! *The Daring Class for Girls* is the can-do, how-to manual for enthusiastic, unfettered adventure. This hands-on literacy class cheers girls on to be curious and brave, and above all, to have fun! LI28

**BLOSSOMING WITH BOOKS (1-3)**
Enjoy story time! Listen to read alouds, books on tape, learn AR skills test and practice reading with the computer. Participate in skills activities, learning games and projects. LI02

**THE BARNETTE BOOK CLUB (2-4)**
Read it, make it, explore it…. Spend much needed time in our Barnette library exploring books and all the library has to offer. This is a smaller class which allows readers time to dig in deep to many different literature styles and authors. LI04

**IT’S UP FOR DEBATE! (4-6)**
Students will learn to express their opinions assertively in a respectful manner on a relevant issue or topic. Work cooperatively, brainstorm ideas, develop vocabulary, and read to support an opinion. Students will become more proficient in speaking, researching, reading, and writing skills. Debates promote reasoning as well as communication skills. LI51

**TEACHER’S ASSISTANT (TA) (7/8)**
Does your student want to explore being a teacher’s aide? This role includes assisting with younger students, setting up classroom projects or running errands for the teacher, or even working in the Barnette office. If this sounds like a lesson in responsibility you would like to explore, be sure to check the box at the bottom of your *Exploration Course Worksheet* and we will contact the 7/8th grade student as opportunities develop! CTE93
**LANGUAGE & CULTURE**

Spanish classes may require more than one quarter. Please note how many quarters each class requires and mark all required quarters on your exploration course worksheet.

**BEGINNING SPANISH CULTURE (2-3) *2 QTRS* (A-B)**

Students will be introduced to the language with extensive vocabulary and cultural facts through songs, games, and art activities. SS65

**CONTINUING SPANISH CULTURE (2-3) *4 QTRS* (A-D)**

Student placement in continuing Spanish classes will be determined by a teacher assessment. This course is a continuation of the curriculum presented in Beginning Spanish. Students will be able to construct sentences, dialogues, and short passages in Spanish. Cultural exposure will enhance the students' knowledge and appreciation of the Spanish culture. SS66

**GUTEN TAG – INTRO TO GERMAN CULTURE (2-4) (4-8) 1 QTR**

Students will learn about various German speaking regions of the world through songs, games, and role-playing appropriate to their age and experience. Enrichment activities include exploration of culture and cuisine of countries where the language is spoken. Activities will integrate listening to and speaking the language at an introductory level. SS69

**INTRO TO SPANISH (4-8) *4 QTRS***

In this year-long class, students will learn to communicate comfortably and naturally in Spanish at a level appropriate for their age and experience. Learning will be reinforced through role-playing, songs, and games. Students will learn simple phrases through listening, speaking, reading, and writing activities. Students will also participate in festivals, crafts, and cuisines of Spanish speaking countries. LA21

**INTERMEDIATE & ADVANCED SPANISH (4-8) *4 QTRS***

Student placement in continuing Spanish classes will be determined by a teacher assessment. This course is a continuation of the curriculum presented in Intro to Spanish; however, students will find an increased focus on writing. Geography, Art, Science, and Math are integrated into the curriculum. LA09/LA22

**TECHNOLOGY**

**TECH STUDIO I (1-3)**

Students will learn basic computer skills, including keyboarding, how to access Barnette servers, and navigate web browsers. Students will locate prime educational sites. Students will learn current programs such as Garageband, Imovie, and PowerPoint. This is a great basics and beyond class to develop computer savvy. TE53

**WEDIDAMOVIE (3-4)(5-8)**

In WedidaMovie, students will learn all aspects of producing their own piece – from writing the script, creating the storyboard, rehearsing, videoing, and editing. Each student will gain experience using video equipment and different computer applications, such as Imovie, Garage Band, and iDVD. An emphasis will be placed on collaborating on one project. Projects may be entered in a state competition. TE47

**TECH STUDIO II (2-3)(4-6)**

Students will learn basic computer skills, including keyboarding, word processing, how to access Barnette servers, and navigate web browsers. Students will locate prime educational sites and learn printing. Students will learn current programs such as Garageband, iMovie, Excel and PowerPoint at grade appropriate levels. TE56/TE54

**PIXEL PERFECT…with a digital focus! (4-6)**

This course will instruct students on the basics and beyond of digital photography. Students will take their own pictures and learn how to manipulate the images on the computer to produce images as unique as they are! TE44