



**ANCHOR BAY SCHOOL  
DISTRICT**

**ELEMENTARY COURSE  
DESCRIPTIONS**

**Kindergarten – 5<sup>th</sup> Grade**

# Anchor Bay School District

## Kindergarten Elementary Course Descriptions

### **Kindergarten English Language Arts (ELA)**

The Elementary English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills. Students will be exposed to the five essential components of reading (phonemic awareness, phonics, comprehension, vocabulary, and fluency) through engaging text and interactive learning.

### **Kindergarten Math**

The Anchor Bay Elementary math courses inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The courses include media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focus of the kindergarten math course is building strong number sense, addition and subtraction within 20, place value, measurement, and shapes.

### **Kindergarten Science**

The Anchor Bay Elementary Science kindergarten course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas to facilitate a better understanding of the world around them.

### **Kindergarten Social Studies**

The Social Studies suite utilizes a personal approach to introduce students to community and citizenship. By providing scaffolded instruction, students develop a firm understanding of important concepts and skills related to history, geography, and economics. The integration of recurring characters and challenges to overcome keeps students engaged and progressing. Finally, students will analyze grade-appropriate passages to reinforce reading comprehension and writing skills. In Kindergarten, students learn about community and are offered an introduction to history, geography, and economics.

### **Kindergarten Art**

The Visual Art suite will provide students the foundational skills to be successful in a studio environment. Using the Elements of Art and Principles of Design as the framework, students will feel confident in creating their own style of art. Students will explore and use a variety of materials safely during the creative process. The courses explicitly teach art techniques through modeling and connecting them to master artists. During the creative process, students will apply art vocabulary, procedures, as well as time-management and collaborative skills. They will develop their observational skills, prior knowledge, and art critique skills to reflect on and interpret works of art. Throughout each multifaceted lesson the students will make connections to art and various cultures around the world. The course offers rich text to support art history instruction, including information on artists and art movements over time. The Visual Art suite integrates standards from all the core subject areas including Math, Social Studies, Science, Health and Language Arts. Connections are made to Music, Dance, and Physical Education as well. The Visual Art suite will develop students fine motor skills, critical thinking skills, creativity, and their appreciation for global communities.

### **Kindergarten Physical Education**

The Elementary PE course integrates healthy lifestyle habits and activities to help students be their best. The learning scaffolds on the previous lessons to provide developmentally appropriate activities and builds on skills learned in each grade level. Skill progressions help students learn how to throw, catch, kick, strike, dance, swim, and do some basic

gymnastics. Students learn how to eat a healthy diet, develop teamwork and sportsmanship, and strive for 60 minutes of daily activity. They learn to set goals and work to meet those physical goals to keep improving their skills.

### **Kindergarten Technology**

The Anchor Bay Elementary Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. Students will learn block-based coding in offline environments in kindergarten. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. Collaboration and communication are also focused on as integrated language arts standards and the math practice standards can be found throughout the courses.

### **Kindergarten Science Workshop**

Students will have opportunities to explore the world and learn how things work, while developing critical thinking and communication skills that will help them throughout their life. Students will have hands-on learning experiences every week where they develop a deep understanding of and appreciation for how scientists come up with evidence and develop conclusions, and how engineers go through trial and error to determine what works best. We use the Kindergarten Michigan Science Standards, based on the Next Generation Science Standards, as the guide. Students will have opportunities to use many science and tinkering tools to test ideas and solve problems. Instruction will also incorporate the important skills of teamwork and problem solving.

# Anchor Bay School District

## 1<sup>st</sup> Grade Elementary Course Descriptions

### **1<sup>st</sup> Grade English Language Arts (ELA)**

The Elementary English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills. Students will be exposed to the five essential components of reading (phonemic awareness, phonics, comprehension, vocabulary, and fluency) through engaging text and interactive learning. First grade students will learn to read and will be given a strong foundation in phonemic awareness and phonics. Students will participate in informative, narrative, and opinion writing compositions throughout the course. Throughout the English Language Arts courses, students will explore a myriad of topics through integration across content areas. First grade level of the ELA suite will surround student learning with an adventure filled theme, showing students that learning really is the great adventure.

### **1<sup>st</sup> Grade Math**

The Anchor Bay Elementary math courses inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The courses include media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focus of the first-grade math courses is building strong number sense, addition and subtraction within 20, place value, measurement, and shapes. Digital and concrete manipulatives help support mathematical proficiency. The learners are provided with many practice opportunities that involve both on- screen and off-screen activities.

### **1<sup>st</sup> Grade Science**

The Anchor Bay Elementary Science first grade course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas to facilitate a better understanding of the world around them.

### **1<sup>st</sup> Grade Social Studies**

The Social Studies suite utilizes a personal approach to introduce students to community and citizenship. By providing scaffolded instruction, students develop a firm understanding of important concepts and skills related to history, geography, and economics. The integration of recurring characters and challenges to overcome keeps students engaged and progressing. Finally, students will analyze grade-appropriate passages to reinforce reading comprehension and writing skills. In First grade, students develop an understanding of citizenship in the home, school, and community.

### **1<sup>st</sup> Grade Art**

The Visual Art suite will provide students the foundational skills to be successful in a studio environment. Using the Elements of Art and Principles of Design as the framework, students will feel confident in creating their own style of art. Students will explore and use a variety of materials safely during the creative process. The courses explicitly teach art techniques through modeling and connecting them to master artists. During the creative process, students will apply art vocabulary, procedures, as well as time-management and collaborative skills. They will develop their observational skills, prior knowledge, and art critique skills to reflect on and interpret works of art. Throughout each multifaceted lesson the students will make connections to art and various cultures around the world. The course offers rich text to support art history instruction, including information on artists and art movements over time. The Visual Art suite integrates standards from all the core subject areas including Math, Social Studies, Science, Health and Language Arts. Connections are made to Music, Dance, and Physical Education as well. The Visual Art suite will develop students fine motor skills, critical thinking skills, creativity, and their appreciation for global communities.

### **1<sup>st</sup> Grade Physical Education**

The Elementary PE course integrates healthy lifestyle habits and activities to help students be their best. The learning scaffolds on the previous lessons to provide developmentally appropriate activities and builds on skills learned in each grade level. Skill progressions help students learn how to throw, catch, kick, strike, dance, swim, and do some basic gymnastics. Students learn how to eat a healthy diet, develop teamwork and sportsmanship, and strive for 60 minutes of daily activity. They learn to set goals and work to meet those physical goals to keep improving their skills.

### **1<sup>st</sup> Grade Technology**

The Anchor Bay Elementary Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. Students will learn block-based coding in offline environments in first grade and will build upon those skills in online coding environments. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. Collaboration and communication are also focused on as integrated language arts standards and the math practice standards can be found throughout the courses.

### **1<sup>st</sup> Grade Science Workshop**

Students will have opportunities to explore the world and learn how things work, while developing critical thinking and communication skills that will help them throughout their life. Students will have hands-on learning experiences every week where they develop a deep understanding of and appreciation for how scientists come up with evidence and develop conclusions, and how engineers go through trial and error to determine what works best. We use the 1<sup>st</sup> grade Michigan Science Standards, based on the Next Generation Science Standards, as the guide. Students will have opportunities to use many science and tinkering tools to test ideas and solve problems. Instruction will also incorporate the important skills of teamwork and problem solving.

# Anchor Bay School District

## 2nd Grade Elementary Course Descriptions

### **2<sup>nd</sup> Grade English Language Arts (ELA)**

The Elementary English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills. Students will be exposed to the five essential components of reading (phonemic awareness, phonics, comprehension, vocabulary, and fluency) through engaging text and interactive learning. 2<sup>nd</sup> grade students will learn to read and will be given a strong foundation in phonemic awareness and phonics. Students will participate in informative, narrative, and opinion writing compositions throughout the course. Throughout the English Language Arts courses, students will explore a myriad of topics through integration across content areas. Each grade level of the ELA suite will surround student learning with an adventure filled theme, showing students that learning really is the great adventure.

### **2<sup>nd</sup> Grade Math**

The Anchor Bay Elementary math course will inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The course includes media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focus of the 2<sup>nd</sup> math courses is building strong number sense, addition and subtraction, place value, measurement, and shapes. Digital and concrete manipulatives help support mathematical proficiency in 2<sup>nd</sup> grade. The learners are provided with many practice opportunities that involve both on- screen and off-screen activities.

### **2<sup>nd</sup> Grade Science**

The Anchor Bay Elementary Science 2<sup>nd</sup> grade course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas to facilitate a better understanding of the world around them.

### **2<sup>nd</sup> Grade Social Studies**

The Social Studies suite utilizes a personal approach to introduce students to community and citizenship. By providing scaffolded instruction, students develop a firm understanding of important concepts and skills related to history, geography, and economics. The integration of recurring characters and challenges to overcome keeps students engaged and progressing. Finally, students will analyze grade-appropriate passages to reinforce reading comprehension and writing skills. Second grade focuses on the geography of North America, the impact of immigration, and the foundations of American citizenship.

### **2<sup>nd</sup> Grade Art**

The Visual Art suite will provide students the foundational skills to be successful in a studio environment. Using the Elements of Art and Principles of Design as the framework, students will feel confident in creating their own style of art. Students will explore and use a variety of materials safely during the creative process. The courses explicitly teach art techniques through modeling and connecting them to master artists. During the creative process, students will apply art vocabulary, procedures, as well as time-management and collaborative skills. They will develop their observational skills, prior knowledge, and art critique skills to reflect on and interpret works of art. Throughout each multifaceted lesson the students will make connections to art and various cultures around the world. The course offers rich text to support art history instruction, including information on artists and art movements over time. The Visual Art suite integrates standards from all the core subject areas including Math, Social Studies, Science, Health and Language Arts. Connections are made to Music, Dance, and Physical Education as well. The Visual Art suite

will develop students fine motor skills, critical thinking skills, creativity, and their appreciation for global communities.

### **2<sup>nd</sup> Grade Physical Education**

The Elementary PE course integrates healthy lifestyle habits and activities to help students be their best. The learning scaffolds on the previous lessons to provide developmentally appropriate activities and builds on skills learned in each grade level. Skill progressions help students learn how to throw, catch, kick, strike, dance, swim, and do some basic gymnastics. Students learn how to eat a healthy diet, develop teamwork and sportsmanship, and strive for 60 minutes of daily activity. They learn to set goals and work to meet those physical goals to keep improving their skills.

### **2<sup>nd</sup> Grade Technology**

The Anchor Bay Elementary Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. Students will learn block-based coding in offline environments in 2nd grade and will build upon those skills in online coding environments. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics in second grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. Collaboration and communication are also focused on in each grade level as integrated language arts standards and the math practice standards can be found throughout the courses

### **2<sup>nd</sup> Grade Science Workshop**

Students will have opportunities to explore the world and learn how things work, while developing critical thinking and communication skills that will help them throughout their life. Students will have hands-on learning experiences every week where they develop a deep understanding of and appreciation for how scientists come up with evidence and develop conclusions, and how engineers go through trial and error to determine what works best. We use the 2<sup>nd</sup> grade Michigan Science Standards, based on the Next Generation Science Standards, as the guide. Students will have opportunities to use many science and tinkering tools to test ideas and solve problems. Instruction will also incorporate the important skills of teamwork and problem solving.

# Anchor Bay School District

## 3<sup>rd</sup> Grade Elementary Course Descriptions

### **3<sup>rd</sup> Grade English Language Arts (ELA)**

The Elementary English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills. Students will be exposed to the five essential components of reading (phonemic awareness, phonics, comprehension, vocabulary, and fluency) through engaging text and interactive learning. Third grade will focus on reading to learn with the incorporation of more complex text and extensive exploration and use of vocabulary in reading and writing. Students will be taught grammar skills which will be implemented into the rigorous writing lessons and complement various topics. Students will participate in informative, narrative, and opinion writing compositions throughout the course. Throughout the English Language Arts courses, students will explore a myriad of topics through integration across content areas. Third grade level of the ELA suite will surround student learning with an adventure filled theme, showing students that learning really is the great adventure.

### **3<sup>rd</sup> Grade Math**

The Anchor Bay Elementary math courses inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The courses include media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focus of third grade math courses are multiplication and division within 100, fractions, decimals, shapes, area, and volume. Students explore content prior to being explicitly taught and hands-on activities help strengthen the learners' algebraic and critical thinking skills. Digital and concrete manipulatives help support mathematical proficiency in all grades. The learners are provided with many practice opportunities that involve both on- screen and off-screen activities.

### **3<sup>rd</sup> Grade Science**

The Anchor Bay Elementary Science third grade course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas to facilitate a better understanding of the world around them.

### **3<sup>rd</sup> Grade Social Studies**

The Social Studies suite utilizes a personal approach to introduce students to community and citizenship. By providing scaffolded instruction for third grade, students to develop a firm understanding of important concepts and skills related to history, geography, and economics. The integration of recurring characters and challenges to overcome keeps students engaged and progressing. Finally, students will analyze grade-appropriate passages to reinforce reading comprehension and writing skills. Third grade includes a closer look at American History and Civics. This includes studying regions with the United States and the physical and cultural characteristics of Canada, Mexico, and the Caribbean Islands.

### **3<sup>rd</sup> Grade Art**

The Visual Art suite will provide students the foundational skills to be successful in a studio environment. Using the Elements of Art and Principles of Design as the framework, students will feel confident in creating their own style of art. Students will explore and use a variety of materials safely during the creative process. The courses explicitly teach art techniques through modeling and connecting them to master artists. During the creative process, students will apply art vocabulary, procedures, as well as time-management and collaborative skills. They will develop their observational skills, prior knowledge, and art critique skills to reflect on and interpret works of art. Throughout each multifaceted lesson the students will make connections to art and various cultures around the world. The course offers rich text to support art history instruction, including information on artists and art movements over time. The



Visual Art suite integrates standards from all the core subject areas including Math, Social Studies, Science, Health and Language Arts. Connections are made to Music, Dance, and Physical Education as well. The Visual Art suite will develop students fine motor skills, critical thinking skills, creativity, and their appreciation for global communities.

### **3<sup>rd</sup> Grade Physical Education**

The Elementary PE course integrates healthy lifestyle habits and activities to help students be their best. The learning scaffolds on the previous lessons to provide developmentally appropriate activities and builds on skills learned in each grade level. Skill progressions help students learn how to throw, catch, kick, strike, dance, swim, and do some basic gymnastics. Students learn how to eat a healthy diet, develop teamwork and sportsmanship, and strive for 60 minutes of daily activity. They learn to set goals and work to meet those physical goals to keep improving their skills.

### **3<sup>rd</sup> Grade Technology**

The Anchor Bay Elementary Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. The 3<sup>rd</sup> grade will complete research projects focused on adaptive technology, social media and/or robotics. The research projects require students to evaluate reliable and relevant websites, organize research, receive, and implement feedback and produce a final product. Collaboration and communication are also focused on in each grade level as integrated language arts standards and the math practice standards can be found throughout the courses.

### **3<sup>rd</sup> Grade Science Workshop**

Students will have opportunities to explore the world and learn how things work, while developing critical thinking and communication skills that will help them throughout their life. Students will have hands-on learning experiences every week where they develop a deep understanding of and appreciation for how scientists come up with evidence and develop conclusions, and how engineers go through trial and error to determine what works best. We use the 3<sup>rd</sup> grade Michigan Science Standards, based on the Next Generation Science Standards, as the guide. Students will have opportunities to use many science and tinkering tools to test ideas and solve problems. Instruction will also incorporate the important skills of teamwork and problem solving.

# Anchor Bay School District

## 4th Grade Elementary Course Descriptions

### **4<sup>th</sup> Grade English Language Arts (ELA)**

The Elementary English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills. Students will be exposed to the five essential components of reading (phonemic awareness, phonics, comprehension, vocabulary, and fluency) through engaging text and interactive learning. Fourth grade will focus on reading to learn with the incorporation of more complex text and extensive exploration and use of vocabulary in reading and writing. Students will be taught grammar skills which will be implemented into the rigorous writing lessons and complement various topics. Students will participate in informative, narrative, and opinion writing compositions throughout the course. Throughout the English Language Arts courses, students will explore a myriad of topics through integration across content areas. Fourth grade level of the ELA suite will surround student learning with an adventure filled theme, showing students that learning really is the great adventure.

### **4<sup>th</sup> Grade Math**

The Anchor Bay Elementary math courses inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The courses include media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focus of fourth grade math courses are multiplication and division within 100, fractions, decimals, shapes, area, and volume. Students explore content prior to being explicitly taught and hands-on activities help strengthen the learners' algebraic and critical thinking skills. Digital and concrete manipulatives help support mathematical proficiency in all grades. The learners are provided with many practice opportunities that involve both on- screen and off-screen activities.

### **4<sup>th</sup> Grade Science**

The Anchor Bay Elementary Science fourth grade course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas to facilitate a better understanding of the world around them.

### **4<sup>th</sup> Grade Social Studies**

The Social Studies suite utilizes a personal approach to introduce students to community and citizenship. By providing scaffolded instruction, students develop a firm understanding of important concepts and skills related to history, geography, and economics. The integration of recurring characters and challenges to overcome keeps students engaged and progressing. Finally, students will analyze grade-appropriate passages to reinforce reading comprehension and writing skills. In Fourth grade, students explore the important people, places, and events that shaped the state in which they live.

### **4<sup>th</sup> Grade Art**

The Visual Art suite will provide students the foundational skills to be successful in a studio environment. Using the Elements of Art and Principles of Design as the framework, students will feel confident in creating their own style of art. Students will explore and use a variety of materials safely during the creative process. The courses explicitly teach art techniques through modeling and connecting them to master artists. During the creative process, students will apply art vocabulary, procedures, as well as time-management and collaborative skills. They will develop their observational skills, prior knowledge, and art critique skills to reflect on and interpret works of art. Throughout each multifaceted lesson the students will make connections to art and various cultures around the world. The course offers rich text to support art history instruction, including information on artists and art movements over time. The Visual Art suite integrates standards from all the core subject areas including Math, Social Studies, Science, Health

and Language Arts. Connections are made to Music, Dance, and Physical Education as well. The Visual Art suite will develop students fine motor skills, critical thinking skills, creativity, and their appreciation for global communities.

#### **4<sup>th</sup> Grade Physical Education**

The Elementary PE course integrates healthy lifestyle habits and activities to help students be their best. The learning scaffolds on the previous lessons to provide developmentally appropriate activities and builds on skills learned in each grade level. Skill progressions help students learn how to throw, catch, kick, strike, dance, swim, and do some basic gymnastics. Students learn how to eat a healthy diet, develop teamwork and sportsmanship, and strive for 60 minutes of daily activity. They learn to set goals and work to meet those physical goals to keep improving their skills.

#### **4<sup>th</sup> Grade Technology**

The Anchor Bay Elementary Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. Fourth grade will complete research projects focused on adaptive technology, social media and/or robotics. The research projects require students to evaluate reliable and relevant websites, organize research, receive, and implement feedback and produce a final product. Collaboration and communication are also focused as integrated language arts standards and the math practice standards can be found throughout the courses.

#### **4<sup>th</sup> Grade Science Workshop**

Students will have opportunities to explore the world and learn how things work, while developing critical thinking and communication skills that will help them throughout their life. Students will have hands-on learning experiences every week where they develop a deep understanding of and appreciation for how scientists come up with evidence and develop conclusions, and how engineers go through trial and error to determine what works best. We use the 4<sup>th</sup> grade Michigan Science Standards, based on the Next Generation Science Standards, as the guide. Students will have opportunities to use many science and tinkering tools to test ideas and solve problems. Instruction will also incorporate the important skills of teamwork and problem solving.

# Anchor Bay School District

## 5th Grade Elementary Course Descriptions

### **5<sup>th</sup> Grade English Language Arts (ELA)**

The Fifth grade English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills. Students will be exposed to the five essential components of reading (phonemic awareness, phonics, comprehension, vocabulary, and fluency) through engaging text and interactive learning. Fifth grade will focus on reading to learn with the incorporation of more complex text and extensive exploration and use of vocabulary in reading and writing. Students will be taught grammar skills which will be implemented into the rigorous writing lessons and complement various topics. Students will participate in informative, narrative, and opinion writing compositions throughout the course. Throughout the English Language Arts courses, students will explore a myriad of topics through integration across content areas. Each grade level of the ELA suite will surround student learning with an adventure filled theme, showing students that learning really is the great adventure.

### **5<sup>th</sup> Grade Math**

The Anchor Bay Elementary math courses inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The courses include media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focus of fifth grade math courses are multiplication and division within 100, fractions, decimals, shapes, area, and volume. Students explore content prior to being explicitly taught and hands-on activities help strengthen the learners' algebraic and critical thinking skills. Digital and concrete manipulatives help support mathematical proficiency in all grades. The learners are provided with many practice opportunities that involve both on- screen and off-screen activities.

### **5<sup>th</sup> Grade Science**

The Anchor Bay Elementary Science fifth grade course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas to facilitate a better understanding of the world around them.

### **5<sup>th</sup> Grade Social Studies**

The Social Studies suite utilizes a personal approach to introduce students to community and citizenship. By providing scaffolded instruction, students develop a firm understanding of important concepts and skills related to history, geography, and economics. The integration of recurring characters and challenges to overcome keeps students engaged and progressing. Finally, students will analyze grade-appropriate passages to reinforce reading comprehension and writing skills. In Fifth grade, students focus on American history through 1850 from Native Americans through exploration, colonization, and early American history.

### **5<sup>th</sup> Grade Art**

The Visual Art suite will provide students the foundational skills to be successful in a studio environment. Using the Elements of Art and Principles of Design as the framework, students will feel confident in creating their own style of art. Students will explore and use a variety of materials safely during the creative process. The courses explicitly teach art techniques through modeling and connecting them to master artists. During the creative process, students will apply art vocabulary, procedures, as well as time-management and collaborative skills. They will develop their observational skills, prior knowledge, and art critique skills to reflect on and interpret works of art. Throughout each multifaceted lesson the students will make connections to art and various cultures around the world. The course offers rich text to support art history instruction, including information on artists and art movements over time. The Visual Art suite integrates standards from all the core subject areas including Math, Social Studies, Science, Health

and Language Arts. Connections are made to Music, Dance, and Physical Education as well. The Visual Art suite will develop students fine motor skills, critical thinking skills, creativity, and their appreciation for global communities.

### **5<sup>th</sup> Grade Physical Education**

The Elementary PE course integrates healthy lifestyle habits and activities to help students be their best. The learning scaffolds on the previous lessons to provide developmentally appropriate activities and builds on skills learned in each grade level. Skill progressions help students learn how to throw, catch, kick, strike, dance, swim, and do some basic gymnastics. Students learn how to eat a healthy diet, develop teamwork and sportsmanship, and strive for 60 minutes of daily activity. They learn to set goals and work to meet those physical goals to keep improving their skills.

### **5<sup>th</sup> Grade Technology**

The Anchor Bay Elementary Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. Fifth grade will complete research projects focused on adaptive technology, social media and/or robotics. The research projects require students to evaluate reliable and relevant websites, organize research, receive, and implement feedback and produce a final product. Collaboration and communication are also focused on as integrated language arts standards and the math practice standards can be found throughout the courses

### **5<sup>th</sup> Grade Science Workshop**

Students will have opportunities to explore the world and learn how things work, while developing critical thinking and communication skills that will help them throughout their life. Students will have hands-on learning experiences every week where they develop a deep understanding of and appreciation for how scientists come up with evidence and develop conclusions, and how engineers go through trial and error to determine what works best. We use the 5<sup>th</sup> grade Michigan Science Standards, based on the Next Generation Science Standards, as the guide. Students will have opportunities to use many science and tinkering tools to test ideas and solve problems. Instruction will also incorporate the important skills of teamwork and problem solving.