Curriculum

Course Description: Child Growth and Development is a semester course that is available to all students at Summit High School. In this course, students will focus on the stages of motor, physical, cognitive, social and emotional, communication, and adaptive abilities of child development, from birth to adolescence. Emphasis is placed on reproduction, pregnancy, prenatal development, birth, the newborn, infant, and toddler stages. Parenting and discipline will also be addressed in the shaping of childhood growth and development. Because early childhood development has a direct impact on the overall development of the adults that children become, understanding the needs of very young children maximizes their future potential and well-being.

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**Anchor Standard:** 2009 NJCCC Standards for 21st Century Life and Careers

Standard 9.4 Career and Technical Education: All Students who complete a career and technical education program will acquire academic and technical skills for careers in emerging and established professions that lead to technical skill proficiency, credentials, certificates, licenses, and/or degrees.

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**Big Ideas: Course Objectives/Content Statement(s)**

In order for a child to become a functioning member of society and a good citizen, parents and caregivers need to understand the importance of effective parenting and care that can shape a child’s development. Exploring the various stages of childbirth, prenatal care, and the physical, social/emotional, and intellectual development of infants, toddlers, and preschoolers is beneficial to society.

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**Essential Questions**

*What provocative questions will foster inquiry, understanding, and transfer of learning?*

<table>
<thead>
<tr>
<th>Essential Questions</th>
<th>Enduring Understandings</th>
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</thead>
<tbody>
<tr>
<td>Who benefits from studying children, and what are the benefits?</td>
<td>Students will understand that:</td>
</tr>
<tr>
<td>Everyone benefits from the study of children. When we understand children, we become better parents and caregivers.</td>
<td></td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>What is a parent? What are the responsibilities of being a parent?</td>
<td>Parents are caregivers who are responsible for providing financial, social, physical, emotional, and intellectual support and wellbeing of the family.</td>
</tr>
<tr>
<td>What do I need to do to be a good parent?</td>
<td>Child rearing requires careful planning. New parents must be aware of the time, patience, and cost of child rearing.</td>
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<tr>
<td>What is the best way to discipline a child?</td>
<td>Children need love, guidance, as well as discipline in order to thrive and behave in ways that society finds acceptable.</td>
</tr>
<tr>
<td>How are children conceived?</td>
<td>Birth control can be an important family planning tool.</td>
</tr>
<tr>
<td>What is prenatal care and why is it important?</td>
<td>The care given during pregnancy can affect the future health and development of a child.</td>
</tr>
<tr>
<td>How do you prepare for the birth of a child and why is it necessary?</td>
<td>Preparations facilitate the birthing process and transition home. There are various types of labor and deliveries available to consider.</td>
</tr>
<tr>
<td>What are the various options for delivery and how do they affect the parents and child?</td>
<td>Life changes drastically with the addition of a family member. There will be many things I need to learn in order to care for a newborn.</td>
</tr>
<tr>
<td>How do I care for a newborn?</td>
<td>Recognizing the varying stages of development helps us monitor a child’s growth. By recognizing the milestones, we can seek professional intervention when necessary for a child’s development.</td>
</tr>
<tr>
<td>What are the varying stages of child development?</td>
<td>Infants learn through exploration using their motor skills and senses (Jean Piaget/Cognitive Theory of Development).</td>
</tr>
<tr>
<td>How do infants and toddlers learn?</td>
<td>Adults can help children learn by creating a stimulating, interesting, and safe environment that is conducive to exploration.</td>
</tr>
<tr>
<td>How can adults help infants and toddlers learn?</td>
<td>Social and emotional needs must be met in order for children to become well-adjusted later in life (Erik Erikson). Child growth and development is a continuous and gradual process.</td>
</tr>
<tr>
<td>Why is social/emotional growth important and critical in the development of infants and toddlers?</td>
<td>If milestones are not met in a timely manner, the infant or toddler may be suffering from an unknown disease.</td>
</tr>
<tr>
<td>Why is childhood studied in stages of development?</td>
<td></td>
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<tr>
<td>Why should I be aware of physical growth milestones that occur during the infant and toddler years?</td>
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</table>
or condition and is at risk of falling behind. Recognizing milestones helps professionals intervene to facilitate and enhance the child’s development.

<table>
<thead>
<tr>
<th>Areas of Focus: Proficiencies (Progress Indicators)</th>
<th>Examples, Outcomes, Assessments</th>
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</thead>
</table>

Students will:

9.4.12A.16 Employ critical thinking skills independently and in teams to solve problems and make decisions, (e.g., analyze, synthesize, and evaluate).

9.4.12A.50 Employ mentoring skills to inspire and assist classmates.

9.4.12.J.(1).1 Describe and use grammatically correct English to enhance learning, direct behavior, and strengthen classroom management.

9.4.12.J.(1).2 Demonstrate knowledge of principles of child growth and development, including social, emotional, physical, and cognitive milestones, to provide appropriate and comprehensive program offerings.

9.4.12.J.(1).5 Demonstrate listening and communication skills, including listening respectfully and attentively to staff members to facilitate child development activities.

9.4.12.J.(1).7 Analyze situations and apply problem-solving and critical thinking skills to provide solutions.

9.4.12.J.(1).8 Select and use appropriate technology to enhance and organize childcare and education programs.

9.4.12.J.(1).12 Describe ethical and legal responsibilities, laws, and regulations to protect children and families.


9.4.12.J.(1).14 Incorporate play and other activities in program plans to develop children’s skills.

Instructional Focus:

Parenting and Discipline Unit:
- Why do we study children?
- Maslow’s Hierarchy of Needs
- Discipline techniques
- Parenting styles
- Family unit: past, present, and future
- Recognizing, preventing, and reporting abuse

Conception and Childbirth Unit:
- How conception occurs
- Birth control methods
- Benefits of good prenatal care
- Prenatal stages of development
- Physical and emotional changes during pregnancy
- Childbirth methods
- Preparing for childbirth
- Welcoming baby home

The Newborn Unit
- How to care for a newborn
- What to expect when baby comes home
- How to handle stress
- Postpartum
- SIDS and shaken baby syndrome (SBS)
- Breastfeeding vs. bottle feeding
- Car seat safety

The Infant unit:
- Physical, social, and emotional development (Erik Erikson)
- Intellectual development (Piaget)
- Developmental milestones

The Toddler unit:
- Physical, social, and emotional development (Erik Erikson)
- Intellectual development (Piaget)
- Developmental milestones
9.4.12.J.(1).15 Evaluate curriculum for multicultural awareness activities to ensure a culturally rich and inviting learning environment.


Preschool unit:
- Physical, social, and emotional development (Erik Erikson)
- Intellectual development (Piaget)
- Developmental milestones
- Choosing preschool activities and designing lessons that stimulates the social, emotional, physical, and intellectual growth of the child.

Sample Assessments:
- Vocabulary quizzes
- Instructional packets
- Class discussions, Q&A
- Teacher observations
- Research
- Unit tests
- worksheets
- Games

Projects/Post Assessment:
- Slide and class presentations
- WeVideo: A trip down memory lane... self growth and development.
  Parents and grandparents interviews: child rearing and discipline perspectives.
  Interviews and projects allow for social emotional learning as students explore, discuss, and document the rites of passage that occur during development.
- Flour babies: This project explores responsibility and enhances the social emotional learning experience as students document the daily care of their baby.

Instructional Strategies

- Interdisciplinary Connections
  Students write and illustrate a children’s book using language adapted to children’s vocabulary and reading level. The story reflects students’ understanding of the social/emotional, physical, and intellectual growth of child development.
<table>
<thead>
<tr>
<th>Technology Integration</th>
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<tbody>
<tr>
<td>Internet research, Google Docs, Slide Presentations</td>
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<th>Media Literacy Integration</th>
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<tr>
<td>Utilize WeVideos to document personal growth and development. Interview parents, grandparents, and family members. News articles on child advocacy.</td>
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<th>Global Perspectives</th>
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<tr>
<td>Guest speaker on international adoptions. Read, research, and compare child rearing practices around the world. Interview parents or friends from a multicultural background.</td>
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</table>
Career Readiness, Life Literacies, and Key Skills Practices:
- Act as a responsible and contributing community member and employee.
- Attend to financial well-being.
- Consider the environmental, social, and economic impacts of decisions.
- Demonstrate creativity and innovation.
- Utilize critical thinking to make sense of problems and persevere in solving them.
- Model integrity, ethical leadership, and effective management.
- Plan education and career paths aligned to personal goals.
- Use technology to enhance productivity, increase collaboration, and communicate effectively.
- Work productively in teams while using cultural/global competence.

21st Century Skills:

Life and Career Skills
- Students will learn parenting skills that will enable them to care for children.
- Students will acquire skills to work in a child-related profession.

Creativity and Innovation
- Create a learning unit involving preschoolers
- Design a toddler preschool room
- Create 2D mobiles that captures an infant’s attention
- Create a prenatal diet
- Create healthy menus for children
- Write and illustrate a children’s story

Critical thinking and Problem solving
- Brainstorming the qualities of a good parent and their effects on children.
- Brainstorming environmental effects on children’s development
- Compare and contrast the varying parenting styles
- Why do we discipline children?

21st Century Themes

Civic Literacy
- How to raise and prepare children to become healthy, productive adults who contribute to society.

Health Literacy
- Pre and postnatal healthcare
- Postpartum care
- Physical, social/emotional, and intellectual development of children

S.T.E.A.M. (Science, Technology, Engineering, Arts, Mathematics)
- Biology
- Technology
- Art

Supports for English Language Learners

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<tr>
<th>Sensory Supports</th>
<th>Graphic Supports</th>
<th>Interactive Supports</th>
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<td>Real life objects</td>
<td>Charts</td>
<td>In pairs or partners</td>
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<tr>
<td>Manipulatives</td>
<td>Graphic Organizers</td>
<td>In triads or small groups</td>
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<tr>
<td>Pictures</td>
<td>Tables</td>
<td>In a whole group</td>
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<tr>
<td>Illustrations, diagrams &amp; drawings</td>
<td>Graphs</td>
<td>Using cooperative group</td>
</tr>
<tr>
<td>Magazines &amp; Newspapers</td>
<td>Timelines</td>
<td>Structures</td>
</tr>
<tr>
<td>Physical activities</td>
<td>Number lines</td>
<td>Internet / Software support</td>
</tr>
<tr>
<td>Videos &amp; Film</td>
<td></td>
<td>In the home</td>
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Recommended Texts:
Teacher Resources:  Children the Early Years  by Celia Anita Decker  (Book, workbook, and activity book)
DVD library:
I Am Your Child  video series by Parents Action for Children
From Conception to Birth  by Discovery Channel
A Baby Story  by the Learning Channel
Babies and You Prenatal Care  by March of Dimes
Bringing Baby Home  by the Liandrea Company
Yummy in My Tummy  by the Liandrea Company
I Am Sam  movie directed by Jessie Nelson

**Intervention Strategies**

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<th>Modifications</th>
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<td>Allow for verbal responses</td>
<td>Multi-sensory techniques</td>
<td>Modified tasks/expectations</td>
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<td>Repeat/confirm directions</td>
<td>Increase task structure (e.g. directions, checks for understanding, feedback)</td>
<td>Differentiated materials</td>
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<tr>
<td>Permit response provided via computer or electronic device</td>
<td>Increase opportunities to engage in active academic responding</td>
<td>Individualized assessment tools based on student need</td>
</tr>
<tr>
<td>Audio Books</td>
<td>Utilize pre reading strategies and activities previews, anticipatory guides, and semantic mapping</td>
<td>Modified assessment grading</td>
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Curricular Addendum

Career-Ready Practices

CRP1: Act as a responsible and contributing citizen and employee.
CRP2: Apply appropriate academic and technical skills.
CRP3: Attend to personal health and financial well-being.
CRP4: Communicate clearly and effectively and with reason.
CRP5: Consider the environmental, social and economic impacts of decisions.
CRP6: Demonstrate creativity and innovation.
CRP7: Employ valid and reliable research strategies.
CRP8: Utilize critical thinking to make sense of problems and persevere in solving them.
CRP9: Model integrity, ethical leadership and effective management.
CRP10: Plan education and career paths aligned to personal goals.
CRP11: Use technology to enhance productivity.
CRP12: Work productively in teams while using cultural global competence.

Interdisciplinary Connections

- Close Reading of works of art, music lyrics, videos, and advertisements
- Use Standards for Mathematical Practice and Cross-Cutting Concepts in science to support debate/inquiry across thinking processes

Technology Integration

Ongoing:
- Listen to books on CDs, Playaways, videos, or podcasts if available.
- Use document camera or overhead projector for shared reading of texts.

Other:
- Use Microsoft Word, Inspiration, or SmartBoard Notebook software to write the words from their word sorts.
- Use available technology to create concept maps of unit learning.
**Instructional Strategies:**

**Supports for English Language Learners:**

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<tr>
<td>Broadcasts</td>
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<td>Models &amp; figures</td>
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From [https://wida.wisc.edu](https://wida.wisc.edu)

**Media Literacy Integration**

- Use multiple forms of print media (including books, illustrations/photographs/artwork, video clips, commercials, podcasts, audiobooks, Playaways, newspapers, magazines) to practice reading and comprehension skills.

**Global Perspectives**

- The Global Learning Resource Library

**Differentiation Strategies:**

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