

Unit 2: Pregnancy & Childbirth

Content Area: **Family and Consumer Science**
Course(s): **Child Development I**
Time Period: **1 marking period**
Length: **8-10 Weeks**
Status: **Published**

Unit Overview

Students will understand the nine month pregnancy process which begins with conception. Prenatal development is divided into three stages: germinal, embryonic, and fetal each having important milestone markers. Students will learn about conceiving children and the various ways people go about to do so. This will include ARTs, IVF, GIFT, and infertility issues. Students will also understand preventing teen pregnancy and avoiding risks involved with teen sexual relationships. Discussions on ways to seek support and take advantage of resources to reduce the risk of teen pregnancy will take place. Students will understand how pregnancy is a family affair in which all members can be involved. Students will understand methods of delivery and complications that may occur during or after childbirth. Students will understand the postpartum period and possible mood disorders that are common during this time.

Transfer

Students will be able to independently use their learning to understand the pregnancy process, prenatal development, and important milestone markers of pregnancy for both the mother and the fetus. Ways to prevent teen pregnancy and risks associated with sexual relationships will be understood. Students will also understand childbirth, it's complications, and the postpartum stage.

Meaning

Understandings

Students will understand that...

- each parent has a role in conception.
- changes occur within each stage of prenatal development.
- traits are inherited.
- environmental factors that can harm the fetus.
- the importance of good health habits prior to pregnancy.
- the medical and nutritional needs during pregnancy.
- possible drawbacks of fertility treatments.
- risks of sexual relationships.
- support systems available for teen parents.
- there are options for a birthplace.
- the three methods of delivery.
- the signs of labor.
- complications of child birth.

Essential Questions

Students will keep considering...

- How does human life begin?
- How can the unborn baby be protected?
- What are some medical and social circumstances that may affect a pregnancy?
- How does today's knowledge and practices envision childbirth as a natural process while also providing

advanced medical care for the mother and baby?

Application of Knowledge and Skill

Students will know...

Students will know there is a pregnancy process, prenatal development, and important milestone markers of pregnancy for both the mother and the fetus. They will also know there are ways to prevent teen pregnancy and risks associated with sexual relationships will be understood. Students will know about childbirth, it's complications, and the postpartum stage.

Students will be skilled at...

Students will be skilled at...

- the changes occur within each stage of prenatal development.
- the definition of inherited.
- environmental factors that can harm the fetus.
- the importance of good health habits prior to pregnancy.
- the medical and nutritional needs during pregnancy.
- risks of sexual relationships.

- support systems available for teen parents.
- the three methods of delivery.
- the signs of labor.
- complications of childbirth.

Academic Vocabulary

cell, embed, formative, subsequent, trimester, defective, endeavors, expulsion, hamper, adversely, friction, inconsolable, initiate, nonessential, practical, exclusively, hectic, reassure, dislodged, elastic, incision, intervals, involuntary, irregular, sequential, metabolize, resuscitate, coincides, competent, subside

Learning Goal 1

Understand how human life begins and how to protect the unborn baby.

FCSE.9-12.12.1.1	Analyze physical, emotional, social, moral, and cognitive development.
FCSE.9-12.12.1.2	Analyze interrelationships among physical, emotional, social, moral, and cognitive aspects of human growth and development.
FCSE.9-12.12.1.3	Analyze current and emerging research about human growth and development, including but not limited to brain development research.
FCSE.9-12.12.2.1	Analyze the influences of heredity and environment on human growth and development.
FCSE.9-12.12.2.4	Analyze the influences of life events on individuals' physical, emotional, social, moral and cognitive development.
FCSE.9-12.12.3.1	Analyze the role of nurturance on human growth and development.
TECH.8.1.12.B	Creativity and Innovation: Students demonstrate creative thinking, construct knowledge and develop innovative products and process using technology.
TECH.8.1.12.C	Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.
TECH.8.1.12.D	Digital Citizenship: Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.
TECH.8.1.12.E	Research and Information Fluency: Students apply digital tools to gather, evaluate, and

use information.

Target 1

Identify the three stages of prenatal development.

Target 2

Give examples of developmental changes that occur month by month during the period of gestation.

Target 3

Differentiate between dominant traits and recessive traits.

Target 4

Explain the relationship between the health of the mother and the health of the baby.

Target 5

Differentiate between presumptive and positive signs of pregnancy.

Learning Goal 2

Understand how both medical and social circumstances can affect a pregnancy.

FCSE.9-12.12.1.1

Analyze physical, emotional, social, moral, and cognitive development.

FCSE.9-12.12.1.2

Analyze interrelationships among physical, emotional, social, moral, and cognitive aspects of human growth and development.

FCSE.9-12.12.1.3

Analyze current and emerging research about human growth and development, including

	but not limited to brain development research.
FCSE.9-12.12.2	Analyze conditions that influence human growth and development.
FCSE.9-12.12.2.1	Analyze the influences of heredity and environment on human growth and development.
FCSE.9-12.12.2.2	Analyze the influences of social, economic, and technological forces on individual growth and development.
FCSE.9-12.12.2.4	Analyze the influences of life events on individuals' physical, emotional, social, moral and cognitive development.
FCSE.9-12.12.2.5	Analyze geographic, political, and global influences on human growth and development.
FCSE.9-12.12.3.1	Analyze the role of nurturance on human growth and development.
FCSE.9-12.12.3.3	Analyze the role of educational and family and social services support systems and resources in meeting human growth and development needs.
TECH.8.1.12.B	Creativity and Innovation: Students demonstrate creative thinking, construct knowledge and develop innovative products and process using technology.
TECH.8.1.12.C	Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.
TECH.8.1.12.D	Digital Citizenship: Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.
TECH.8.1.12.E	Research and Information Fluency: Students apply digital tools to gather, evaluate, and use information.

Target 1

Recognize the possible drawbacks of fertility treatments.

Target 2

Explain two complications of pregnancy and three congenital conditions.

Target 3

Determine risks of a sexual relationship.

Target 4

Describe the negative impacts of teen pregnancy.

Target 5

Understand the specific risk factors of LBGTQ teen pregnancy.

Learning Goal 3

Understand the practices of childbirth as a natural process with advanced medical care.

FCSE.9-12.12.1.1	Analyze physical, emotional, social, moral, and cognitive development.
FCSE.9-12.12.1.2	Analyze interrelationships among physical, emotional, social, moral, and cognitive aspects of human growth and development.
FCSE.9-12.12.1.3	Analyze current and emerging research about human growth and development, including but not limited to brain development research.
FCSE.9-12.12.2.1	Analyze the influences of heredity and environment on human growth and development.
FCSE.9-12.12.2.2	Analyze the influences of social, economic, and technological forces on individual growth and development.
FCSE.9-12.12.2.4	Analyze the influences of life events on individuals' physical, emotional, social, moral and cognitive development.
FCSE.9-12.12.3.1	Analyze the role of nurturance on human growth and development.
FCSE.9-12.12.3.3	Analyze the role of educational and family and social services support systems and resources in meeting human growth and development needs.

Target 1

Compare and contrast three methods of delivery.

Target 2

Identify and describe the signs of labor.

Target 3

Differentiate among the most common procedures used for complications of childbirth.

Target 4

Describe the first medical care babies receive at birth.

Target 5

Evaluate the types of care and treatment needed at birth for premature and other high risk babies compared to healthy babies.

Target 6

Compare and Contrast mood disorders that mothers may experience in the postpartum period.

Formative Assessment and Performance Opportunities

- Problem Based Learning
- Group collaboration
- Direct Instruction/Lecture
- Cooperative Team Study
- Text Analysis
- Case Studies (student scenarios)
- Writing
- Oral Presentations
- Peer Discussions
- Participation/Discussion
- Multimedia Analysis
- Google Classroom discussion boards
- create question/short answer

Summative Assessment

Assessments may include, but are not limited to problem-based learning, projects or presentations, or a common paper/pencil assessment or combination of any of these.

- Prenatal Care Project: The students will create a guide book that discusses the importance of a healthy lifestyle choices for the mother to be. And how these choices affects the baby.

-Pregnancy project (Mother & Fetus Development) The students based on pictures they receive from the teacher of the developmental stages of a zygote, embryo and fetus will organize these photos based on the correct timeline.ie organizing based from 0 - 9 months.

- Pregnancy complications project

- Teen pregnancy factors project

- Babies needs project

Accommodations/Modifications

Enrichment Opportunities: Extra credit project based assignments

Differentiation: 504 accomodations and IEP modifications

Differentiation can include, but is not limited to:

-Graphic Organizers

-Chunked Readings

-Stations and Learning Centers

-Providing additional resources for independent study (videos, teacher notes, web-based resources)

Unit Resources

Use textbook: Decker, C. A. (2016). Child Development, Early Stages Through Age 12 (8th Ed.). Castle Rock, CO: The Goodheart-Willcox Company.

- Pregnancy Pact Movie
- Pregnancy Development Movie (Month to Month Development)

Prenatal Development:

<http://www.healthofchildren.com/P/Prenatal-Development.html>

<https://my.clevelandclinic.org/health/articles/7247-fetal-development-stages-of-growth>

Pregnancy Complications:

<https://www.cdc.gov/reproductivehealth/maternalinfanthealth/pregnancy-complications.html>

<https://www.webmd.com/baby/managing-a-high-risk-pregnancy#1>

<https://www.ohsu.edu/womens-health/fertility-factors>

<https://www.pregnancyweekbyweekcalendar.com/fertility-treatment/different-types-of-fertility-treatments.html>

Teen Pregnancy:

<https://americanpregnancy.org/unplanned-pregnancy/teenage-pregnancy/>

https://www.hhs.gov/ash/oah/sites/default/files/lbgtq_inclusivity_webinar_slides.pdf

Child Birth:

https://www.medicinenet.com/7_childbirth_and_delivery_methods/article.htm#what_is_vaginal_delivery_with_no_medication

<https://www.medicalnewstoday.com/articles/307462>

<https://www.healthline.com/health/pregnancy/postpartum-complications>

21st Century Life and Careers

CAEP.9.2.12.C.1	Review career goals and determine steps necessary for attainment.
CAEP.9.2.12.C.3	Identify transferable career skills and design alternate career plans.
CAEP.9.2.12.C.4	Analyze how economic conditions and societal changes influence employment trends and future education.
CAEP.9.2.12.C.7	Examine the professional, legal, and ethical responsibilities for both employers and employees in the global workplace.
CAEP.9.2.12.C.8	Assess the impact of litigation and court decisions on employment laws and practices.

Interdisciplinary Connections

LA.SL.9-10.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with peers on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LA.SL.9-10.2	Integrate multiple sources of information presented in diverse media or formats (e.g.,

visually, quantitatively, qualitatively, orally) evaluating the credibility and accuracy of each source.

LA.SL.9-10.4

Present information, findings, and supporting evidence clearly, concisely, and logically. The content, organization, development, and style are appropriate to task, purpose, and audience.

LA.SL.9-10.5

Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance findings, reasoning, and evidence and to add interest.

LA.9-10.W.9-10.1

Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence. Introduce precise claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that establishes clear relationships among claim(s), counterclaims, reasons, and evidence.

SCI.3-LS3-2

Use evidence to support the explanation that traits can be influenced by the environment.

SCI.HS-LS3

Heredity: Inheritance and Variation of Traits

SOC.9-12.1.4.1

Take a position on a current public policy issue and support it with historical evidence, reasoning, and constitutional analysis in a written and/or oral format.