5th Grade Science Course Syllabus

Course Description:
This 5th-grade Science course explores fundamental scientific concepts through hands-on investigations, fostering critical thinking and problem-solving skills. Students will engage in experiments, observe natural phenomena, and learn to communicate scientific ideas effectively.

Course Objectives:
Students will:

- Conduct investigations to answer scientific questions.
- Analyze data to identify patterns and relationships.
- Communicate findings through written and verbal forms.
- Connect scientific concepts with real-world applications.

Required Materials:

- Science notebook
- Pencils and colored pencils
- Ruler
- Safety goggles
- Access to a computer or tablet for research and presentations

Grading Policy:
Grades will be based on:

- Class participation and engagement (20%)
- Homework and assignments (30%)
- Quizzes and tests (30%)
- Projects and lab reports (20%)

Class Policies and Expectations:

- Respect yourself, peers, and the learning environment.
- Come prepared to class with materials and completed assignments.
- Follow safety guidelines during experiments.
- Actively participate in discussions and group work.

Course Schedule:

Topic	TEKS Covered	Days to Teach
Introduction to Science	112.7.b.1, 112.7.b.4	5

6th Grade Science Course Syllabus

Course Description:
This course provides an engaging introduction to various scientific concepts and practices. Students will explore the relationships between the Earth, its systems, and the organisms that inhabit it. Through hands-on investigations and projects, students will develop critical thinking and problem-solving skills.

Course Objectives:

- Understand and apply safety practices in laboratory and field investigations.
- Describe biotic and abiotic components of ecosystems and how they interact.
- Compare and classify materials based on physical properties.
- Investigate and model Earth's layers and systems.
- Analyze energy transformations and their impacts.

TEKS Covered:

- 112.18.b.4.B, 112.18.b.1.A, 112.18.b.12.E, 112.18.b.6.A, 112.18.b.4.A, 112.26.b.4.A, and others from the provided TEKS snapshot.

Required Materials:

- Science notebook, pencils, colored pencils, graph paper, ruler, and any specific lab equipment communicated by the teacher.

Grading Policy:
Grades will be based on participation, assignments, tests, and projects. A rubric will be provided for major assessments to clarify expectations.

Class Policies and Expectations:

- Attend class regularly and arrive on time.
- Participate actively in discussions and group work.
- Follow safety guidelines during all experiments.
- Respect classmates and their contributions.

Course Outline:

Unit Topic	TEKS Covered	Approx. Days
Introduction to Scientific Inquiry	112.26.a, 112.18.a	10

7th Grade Science Course Syllabus

Course Description

This course provides an in-depth exploration of scientific concepts, focusing on the relationships between organisms and their environments, physical science principles, and the nature of scientific inquiry. Students will engage in hands-on experiments, collaborative projects, and critical thinking exercises.

Course Objectives

Students will:

- Develop and use models to represent scientific phenomena.
- Analyze and explain the flow of energy in ecosystems and living systems.
- Distinguish between elements and compounds.
- Conduct investigations using appropriate scientific practices.

For detailed objectives, refer to the Texas Essential Knowledge and Skills (TEKS) for Science: TEKS for 7th Grade Science.

Required Materials

- Science notebook
- Writing utensils (pencils, pens)
- Access to a computer/tablet for research and assignments
- Safety goggles (for laboratory activities)
- Textbook: [Title of the textbook]

Grading Policy

Grades will be based on:

- Class participation
- Homework assignments
- Laboratory reports
- Quizzes and tests
- Projects

- TEKS: 112.19.b.5
- Days: 20

8. **Life Processes and Cells**
    - TEKS: 112.27.b.12
    - Days: 10

Total Instructional Days: 160

This syllabus outlines the course expectations, objectives, and topics to ensure a successful learning experience for all students. We look forward to a year of inquiry and discovery in science!

8th Grade Science Course Syllabus

Course Description
This 8th-grade Science course covers fundamental concepts in Earth and Space Science, Matter and Energy, Force, Motion, and Energy, and Scientific and Engineering Practices. Students will engage in hands-on labs, projects, and collaborative activities to deepen their understanding of scientific principles and their applications.

Course Objectives
Students will:

- Explore Earth systems and the role of natural events.
- Distinguish between scientific hypotheses, theories, and laws.
- Analyze data, conduct experiments, and interpret results.
- Investigate chemical reactions and understand the properties of matter.
- Apply Newton's laws of motion to real-world scenarios.

Required Materials

- Science textbook (provided)
- Notebook and writing utensils
- Safety goggles (provided)
- Lab supplies (as needed for experiments)

Grading Policy
Grades will be based on:

- Class participation and engagement: 20%
- Quizzes and tests: 40%
- Lab reports and projects: 30%
- Homework assignments: 10%

Class Policies and Expectations

- Arrive on time and prepared for class.
- Participate actively in discussions and activities.
- Follow safety rules during laboratory experiments.
- Respect classmates and the learning environment.

Course Schedule
The course will span approximately 131 school days, with an additional 20 days set aside for STAAR review. The breakdown is as follows:

Instructional Topics and Timeline

Spanish I Course Syllabus

Course Description: This course is designed for 9th-grade students to develop foundational skills in the Spanish language, focusing on communication, cultural understanding, and connections to other subjects. Students will engage in listening, speaking, reading, and writing activities to enhance their proficiency in Spanish.

Course Objectives:

- Communicate effectively in Spanish through speaking and writing.
- Understand and appreciate the cultures of Spanish-speaking countries.
- Make connections between Spanish and other academic subjects.
- Compare and contrast the Spanish language and culture with students' own.
- Participate in community activities that utilize the Spanish language.

Required Materials:

- Spanish-English dictionary
- Notebook for vocabulary and grammar notes
- Access to online resources and language apps
- Textbook: [Insert textbook name here]
- Writing utensils

Grading Policy:

- Class Participation: 20%
- Homework Assignments: 30%
- Quizzes: 20%
- Midterm Exam: 15%
- Final Exam: 15%

Class Policies and Expectations:

- Arrive on time and be prepared for each class.
- Respect classmates and their opinions during discussions.
- Participate actively in class activities and group work.
- Complete assignments on time; late work will receive a deduction.
- Use Spanish as much as possible during class.

Course Outline: The course will be covered over approximately 160 days, as outlined below:

Unit 1: Introduction to Spanish Language and Culture (Days 1-20)

- **Topics Covered:** Greetings, Introductions, Basic Vocabulary
- **TEKS:** 1(A), 1(B), 2(A), 5(A)

Spanish II Course Syllabus

Course Description

This course builds upon the foundations laid in Spanish I, enhancing students' proficiency in speaking, listening, reading, and writing in Spanish. Students will explore various cultural contexts and develop their ability to communicate effectively in diverse situations.

Course Objectives

- Enhance communication skills in Spanish for various contexts.
- Foster cultural understanding and competence.
- Connect language learning with other academic disciplines.
- Develop insights into the nature of language and culture.

Required Materials

- Spanish-English Dictionary
- Textbook: [Insert Title]
- Notebook for vocabulary and grammar notes
- Access to a computer or tablet for online resources

Grading Policy

- Class Participation: 20%
- Homework Assignments: 30%
- Quizzes: 20%
- Tests: 30%

Class Policies and Expectations

- Attend class regularly and arrive on time.
- Participate actively in discussions and activities.
- Complete assignments on time.
- Respect classmates and their opinions.
- Use Spanish as much as possible during class.

Course Outline

- Cultures: Understand contributions of notable individuals.

Unit 8: Mi Rutina (20 days)

- **Topics:** Daily routines and health.
- **TEKS Addressed:**
  - Communication: Describe personal routines.

Rubric for Assessment

- **Participation (20%)**
  - Active Engagement: 10 points
  - Respectful Listening: 10 points
- **Homework (30%)**
  - Completion: 10 points
  - Effort: 10 points
  - Accuracy: 10 points
- **Quizzes (20%)**
  - Correctness: 20 points
- **Tests (30%)**
  - Content Knowledge: 15 points
  - Application of Skills: 15 points

Conclusion

This syllabus outlines the expectations and structure for the Spanish II course. Students and families are encouraged to refer to it throughout the school year for guidance on topics covered, grading, and classroom conduct.

Note: This syllabus may be adjusted based on the needs of the class and unforeseen circumstances. Regular updates will be provided.

Yearbook Course Syllabus

Course Description

Students in Advanced Journalism: Yearbook will communicate through various media forms, enhancing their writing and visual communication skills. The course emphasizes planning, drafting, and producing written and visual content while incorporating journalistic ethics and standards.

Course Objectives

1. **Communication Skills**: Develop print and digital communication for diverse audiences.
2. **Media Analysis**: Analyze professional works and apply ethical journalism practices.
3. **Research and Project Development**: Conduct research and plan projects across media formats.

Required Materials

- Notebook
- Writing utensils
- Digital camera or smartphone
- Access to design software (e.g., Canva, Adobe Spark)
- Online publication platforms (e.g., Google Drive)

Grading Policy

- Participation: 20%
- Assignments: 30%
- Projects: 30%
- Final Publication: 20%

Class Policies and Expectations

- Arrive on time and prepared.
- Participate actively in discussions and group projects.
- Submit all work on time.
- Respect the opinions and contributions of classmates.
- Maintain academic integrity; plagiarism will not be tolerated.

Course Outline

The course will be covered over **170 days** with the following topics:

1. Introduction to Journalism (10 days)

Criteria	Excellent (5 pts)	Good (4 pts)	Satisfactory (3 pts)	Needs Improvement (2 pts)	Unsatisfactory
Engagement	Highly engaging	Engaging	Some engagement	Little engagement	Not engaging
Creativity	Highly creative	Creative	Some creativity	Little creativity	No creativity
Presentation Quality	Professional	Good	Fair	Poor	Unacceptable
Timeliness	Submitted on time	1 day late	2-3 days late	4-5 days late	More than 5 da late

This syllabus aims to provide students and families with a clear understanding of the Yearbook course expectations, objectives, and grading criteria. Your active participation and commitment will be essential to our success in creating a memorable yearbook!