

Freshman physical science study guide answers Updated Version

Freshman physical science study guide answers are essential tools for students aiming to excel in their introductory physics and chemistry courses. These guides provide comprehensive explanations, key concepts, and practice solutions that help clarify complex topics. Whether you're preparing for quizzes, exams, or simply seeking a better understanding of physical science principles, a well-structured study guide can make a significant difference. In this article, we'll explore how to effectively utilize your study guide answers, the core topics covered in physical science, and tips for mastering the material.

Understanding the Importance of Study Guide Answers in Freshman Physical Science

What Are Study Guide Answers?

Study guide answers are detailed solutions and explanations to the questions and exercises found within a physical science study guide. They serve as a valuable resource by providing:

- Clarified concepts
- Step-by-step problem-solving methods
- Examples that illustrate how to approach various types of questions
- Reinforcement of scientific terminology and principles

The Benefits of Using Study Guide Answers

Utilizing these answers effectively can:

- Help reinforce learning by providing immediate feedback on practice questions
- Identify areas where understanding may be lacking
- Build confidence through repeated practice and mastery of concepts
- Prepare students for more complex topics by establishing a strong foundational knowledge
- Save time during exam preparation by focusing on problem-solving strategies

Core Topics Covered in Freshman Physical Science Study Guides

1. Matter and Its Properties

Understanding the nature of matter is fundamental in physical science. Key concepts include:

- States of matter: solid, liquid, gas
- Physical vs. chemical properties
- Changes in matter: physical and chemical changes
- Density, mass, volume, and how to calculate them

2. Atomic Structure and Elements

This section covers the building blocks of matter:

- Atoms and subatomic particles (protons, neutrons, electrons)
- Periodic table organization
- Atomic number and atomic mass
- Isotopes and ions

3. Chemical Bonding and Reactions

Understanding how atoms combine and react is crucial:

- Ionic and covalent bonds
- Balancing chemical equations
- Types of chemical reactions (synthesis, decomposition, replacement)
- Law of conservation of mass

4. Motion and Forces

Physics fundamentals include:

- Speed, velocity, and acceleration
- Newton's laws of motion
- Friction and gravity
- Simple machines and mechanical advantage

5. Energy and Work

Key concepts involve:

- Kinetic and potential energy
- Law of conservation of energy
- Work and power calculations
- Forms of energy (thermal, chemical, electrical)

6. Waves and Light

Topics include:

- Types of waves: mechanical and electromagnetic
- Properties of waves: wavelength, frequency, amplitude
- Reflection, refraction, diffraction
- Color and the visible spectrum

How to Effectively Use Your Freshman Physical Science Study Guide Answers

1. Review Concepts Before Attempting Practice Questions

Before diving into questions, ensure you have a solid understanding of the related concepts. Use your notes, textbook, or online resources to review key principles.

2. Practice Regularly and Use the Answers as a Learning Tool

Instead of only checking answers after completing exercises, try to solve problems independently first. Then, compare your solutions to the provided answers to identify mistakes and understand correct methods.

3. Focus on Problem-Solving Strategies

Pay attention to the steps used in solutions:

- Identify what the question is asking
- Recall relevant formulas or principles
- Organize known and unknown variables
- Perform calculations carefully

- Verify if the answer makes sense

4. Clarify Mistakes and Seek Further Explanation

When your answers differ from the study guide solutions, analyze where your understanding may have faltered. Use supplemental resources or ask teachers for clarification.

5. Use Study Guide Answers as a Reference, Not a Crutch

While answers are helpful, aim to understand the reasoning behind each solution. This deep comprehension will aid in tackling unfamiliar questions.

Tips for Mastering Physical Science Using Study Guides

1. Create a Concept Map

Organize topics visually to see connections between concepts, making it easier to recall information during exams.

2. Practice with Real-World Examples

Relate concepts to everyday life to enhance understanding and retention. For example, relate Newton's laws to riding a bicycle or energy conservation to a roller coaster.

3. Form Study Groups

Collaborate with classmates to discuss difficult questions and compare study guide answers, gaining different perspectives and solutions.

4. Use Additional Resources

Supplement your study guide with videos, online tutorials, and interactive simulations to reinforce learning.

5. Regularly Review and Self-Assess

Consistently revisit topics and test your knowledge to ensure retention and identify areas needing improvement.

Conclusion

Effective utilization of freshman physical science study guide answers can significantly enhance your understanding of core scientific concepts and improve your academic performance. By approaching these answers critically and using them as learning tools rather than just solutions, you develop a deeper grasp of the material. Remember to engage actively with the content, practice regularly, and seek clarification when needed. With dedication and strategic study habits, mastering physical science as a freshman becomes an achievable goal, paving the way for success in future science courses and fostering a lifelong appreciation for the wonders of the physical world.

Freshman Physical Science Study Guide Answers: A Comprehensive Review

Embarking on a journey through physical science can be both exciting and challenging for freshmen students. A well-structured study guide serves as an essential tool, helping students grasp fundamental concepts, prepare for exams, and develop a solid foundation for future scientific learning. In this review, we will delve into the importance of freshman physical science study guide answers, explore core topics typically covered, and offer strategies for effectively utilizing these resources.

Understanding the Significance of Study Guide Answers in Physical Science

Physical science encompasses the study of matter, energy, and the fundamental laws governing the universe. As a freshman, having access to accurate and detailed study guide answers is crucial for several reasons:

- Clarification of Concepts: Study guides distill complex ideas into understandable summaries, and answers clarify misconceptions.
- Self-Assessment: They enable students to evaluate their understanding and identify areas needing improvement.
- Exam Preparation: Well-prepared answers provide a roadmap for potential exam questions and formats.
- Confidence Building: Familiarity with answers reduces test anxiety and builds confidence.

However, it's important to approach study guide answers critically, using them as a learning aid rather than a shortcut. Active engagement with the material ensures deeper comprehension and retention.

Core Topics Covered in Freshman Physical Science Study Guides

Physical science curricula typically span several interconnected topics. A comprehensive study guide addresses each of these areas thoroughly:

1. Introduction to Scientific Principles

- Scientific method and inquiry
- Observation, hypothesis, experimentation, conclusion
- Units of measurement and scientific notation

2. Matter and Its Properties

- States of matter: solids, liquids, gases
- Physical and chemical properties
- Changes in matter: physical vs. chemical changes
- Atomic structure and the periodic table

3. Atomic and Molecular Structure

- Atoms, electrons, protons, neutrons
- Atomic number and mass number
- Isotopes and ions
- Molecules and compounds

4. Chemical Bonding and Reactions

- Types of chemical bonds: ionic, covalent
- Balancing chemical equations
- Conservation of mass
- Reaction types: synthesis, decomposition, single replacement, double replacement

5. Forces and Motion

- Newton's laws of motion
- Force, mass, acceleration
- Friction and gravity
- Momentum and energy transfer

6. Work, Power, and Energy

- Definitions and units
- Kinetic and potential energy
- Conservation of energy
- Simple machines

7. Waves and Electromagnetic Spectrum

- Types of waves: mechanical vs. electromagnetic
- Properties: wavelength, frequency, amplitude
- Light and sound waves
- Applications of electromagnetic spectrum

8. Electricity and Magnetism

- Electric charge and current
- Circuits: series and parallel
- Magnetism and magnetic fields
- Electromagnetic induction

9. Astronomy and Space Science

- Solar system components
- Phases of the moon
- Types of celestial objects
- The universe and cosmology basics

How to Effectively Use Study Guide Answers

Merely copying answers is counterproductive; instead, students should use them as tools for active learning:

1. Self-Testing and Practice

- Cover the answers and attempt to solve problems independently
- Use practice questions to test understanding
- Review answers after attempting problems to correct errors

2. Clarify and Elaborate

- Read through the answer explanations carefully
- Cross-reference with textbook or class notes for deeper understanding
- Summarize answers in your own words to reinforce learning

3. Identify Patterns and Relationships

- Recognize common question formats
- Understand how concepts connect (e.g., how forces relate to motion)
- Use answer keys to grasp the reasoning process

4. Use as a Study Partner

- Study with classmates, comparing answers and discussing concepts
- Create flashcards based on answers for quick review
- Teach others what you've learned to solidify knowledge

Common Challenges and How Study Guide Answers Help Overcome Them

Many students face obstacles when studying physical science. Here are typical challenges and how detailed answers assist:

- Difficulty Understanding Abstract Concepts: Answers often include analogies or real-world examples, making abstract ideas more tangible.
- Memorization vs. Comprehension: Explanations in answers clarify why things happen, not just what happens.
- Problem-Solving Anxiety: Step-by-step solutions demystify complex calculations and procedures.
- Time Management for Exams: Familiarity with answer formats speeds up response times during tests.

Ensuring Academic Integrity and Responsible Use of Study Guides

While study guide answers are valuable, students must use them ethically:

- Avoid Plagiarism: Use answers to learn, not to copy verbatim on assignments.
- Understand Before Memorizing: Aim to comprehend concepts rather than memorize answers.
- Seek Help When Needed: Use answers as a supplement, and ask teachers or tutors for clarification on difficult topics.

Additional Resources to Complement Study Guide Answers

To maximize learning, students should incorporate other resources alongside their study guides:

- Textbooks and Class Notes: Cross-reference answers with primary sources.
- Educational Videos and Tutorials: Visual explanations can enhance understanding.
- Online Simulations and Interactive Tools: Engage with virtual labs and experiments.
- Study Groups and Peer Discussions: Collaborative learning fosters deeper insight.

Conclusion: Mastering Physical Science with Effective Study Strategies

Access to freshman physical science study guide answers is a powerful asset in mastering fundamental scientific concepts. When used thoughtfully, these answers serve as a bridge toward comprehension, confidence, and academic success. Remember, the ultimate goal is to understand the principles that govern our physical universe, not just to memorize solutions. By actively engaging with study guides, practicing problem-solving, and seeking clarity, students can build a strong scientific foundation that supports their educational journey now and in future scientific endeavors.

In summary:

- Use study guide answers as learning tools, not shortcuts.
- Engage actively with the material through practice and explanation.
- Focus on understanding core concepts across all topics.
- Incorporate additional resources for a well-rounded grasp of physical science.
- Maintain academic integrity and cultivate curiosity about scientific phenomena.

With dedication, curiosity, and strategic use of study guides, freshman students can navigate the fascinating world of physical science with confidence and enthusiasm.

Question Answer Where can I find reliable freshman physical science study guide answers? You can find reliable answers in your class textbook, official online resources provided by your teacher, or reputable educational websites like Khan Academy or Quizlet. How can I effectively use a freshman physical science study guide? Use the study guide to review key concepts, practice

problems, and clarify difficult topics. Highlight areas of weakness and revisit those sections regularly to reinforce your understanding. Are there free online resources with answer keys for freshman physical science study guides? Yes, websites like Khan Academy, CK-12, and Study.com offer free resources and sometimes include answer keys or explanations for practice problems. What are the most common topics covered in a freshman physical science study guide? Common topics include motion and forces, energy, matter and its properties, basic chemistry, waves, and introductory physics concepts. How can I ensure that my answers in a physical science study guide are correct? Cross-reference your answers with your class notes, textbook, or consult your teacher. Practice problems with provided solutions can also help verify correctness. What should I do if I struggle with understanding the answers in my physical science study guide? Seek help from your teacher, join study groups, watch educational videos, or use online tutoring resources to clarify difficult concepts. Are there apps that provide practice questions and answers for freshman physical science? Yes, apps like Quizlet, Khan Academy, and Brainly offer practice questions and answers specifically tailored to physical science topics. How can I prepare effectively for quizzes or exams using my physical science study guide answers? Review the answers thoroughly, understand the reasoning behind each one, and practice similar problems. Use the guide to identify and focus on weak areas. Can I rely solely on study guide answers to master physical science concepts? While helpful, it's important to understand the underlying concepts, not just memorize answers. Use the guide as a supplement to active learning and practice. What are some tips for studying physical science effectively as a freshman? Create a study schedule, actively engage with the material through practice problems, ask questions, and review regularly to reinforce your understanding.

Related keywords: freshman science notes, physical science textbook solutions, physics practice problems, chemistry review guide, science study tips, high school science homework help, physical science exam answers, science concept summaries, physical science quiz solutions, science test prep

Freshman shirt slogans class of 2017

Freshman shirt slogans class of 2017 have become a memorable part of school spirit, capturing the essence of the first-year experience and creating lasting memories for students, staff, and alumni alike. These slogans not only serve as fun identifiers for the incoming class but also foster a sense of unity, pride, and identity that lasts throughout their high school or college years. In this comprehensive guide, we will explore the significance of freshman shirt slogans, popular themes for the class of 2017, creative slogan ideas, tips for designing the perfect shirt, and how these slogans contribute to school culture and tradition.

The Importance of Freshman Shirt Slogans

Building School Spirit and Unity

Freshman shirts with catchy slogans help to establish a sense of belonging among new students. They act as visual symbols of the class's identity, encouraging camaraderie and fostering a collective spirit. When students wear these shirts during orientation, pep rallies, or school events, they feel more connected to their peers and the school community.

Creating Lasting Memories

School shirts with unique slogans become keepsakes for students. Over time, they serve as nostalgic reminders of their first year and the experiences that shaped their high school or college journey. These shirts often become treasured memorabilia that alumni look back on fondly.

Promoting School Pride and Tradition

Slogans are a way to showcase school pride and reinforce traditions. They often incorporate school colors, mascots, or mottos, making them a unifying element that students, staff, and alumni celebrate together.

Popular Themes for Class of 2017 Freshman Slogans

When designing slogans for the class of 2017, many schools and students gravitated toward themes that reflected enthusiasm, humor, ambition, and unity. Below are some of the most popular themes:

Humor and Playfulness

- Incorporating puns and witty phrases to make the shirts fun and memorable.
- Examples: "Fresh to the Best," "Making the Grade Since 2017," "First Year, First Place," "Schooled in Awesome."

School Pride and Tradition

- Highlighting the school's mascot, colors, or motto.
- Examples: "Class of 2017: Pride of [School Name]," "We Bleed [School Colors]," "1 in Our Class, 1 in Your Heart."

Ambition and Future Goals

- Focusing on aspirations, dreams, and the journey ahead.
- Examples: "Future [Career/Profession]," "Dream Big, Class of 2017," "Building Foundations for a Bright Future."

Unity and Community

- Emphasizing teamwork, friendship, and belonging.
- Examples: "Together We Rise," "One Class, One Dream," "Stronger as One, Class of 2017."

Pop Culture and Trends

- Using references from popular movies, music, or memes from 2017.
- Examples: "Keep Calm and Class of 2017 On," "The Future Is Bright, Class of 2017," "We Came, We Saw, We Conquered."

Creative Slogan Ideas for the Class of 2017 Freshman Shirts

To inspire your own designs, here are some creative slogan ideas categorized by theme:

Humorous Slogans

- "Fresh and Fabulous, Class of 2017"
- "We're the Class That's Just Beginning"
- "First Year, First Laughs"
- "Making Freshman Mistakes Since 2017"
- "Warning: Freshman at Work"

Inspirational Slogans

- "Dream Big, Start Small, Class of 2017"
- "New Beginnings, Bright Future"
- "The Future Looks Bright for Class of 2017"
- "Chasing Dreams, Catching Success"
- "Turning Dreams Into Reality"

School Spirit Slogans

- ?Proud to Be [School Name], Class of 2017?
- ?[School Mascot]: Our Spirit, Our Pride?
- ?2017: The Year We Made Our Mark?
- ?Rising Together, Class of 2017?
- ?Born to Lead, Class of 2017?

Motivational Slogans

- ?Strive for Greatness, Class of 2017?
- ?Be Bold, Be Brave, Be [School Name]?s Class of 2017?
- ?Limitless Potential, Class of 2017?
- ?Making Every Moment Count?
- ?Seize the Day, Class of 2017?

Tips for Designing the Perfect Freshman Shirt

Creating an effective and memorable freshman shirt requires careful planning and creativity. Here are some tips to help you design the perfect shirt for the class of 2017:

1. Incorporate School Identity

Use school colors, mascots, and logos to foster school pride. This creates a cohesive look that resonates with students and staff.

2. Keep the Slogan Clear and Concise

A catchy, easy-to-read slogan is more likely to make an impact. Aim for short phrases that are memorable and meaningful.

3. Use Eye-Catching Graphics

Complement slogans with relevant graphics, such as mascots, graduation caps, or other symbols representing achievement and new beginnings.

4. Prioritize Comfort and Quality

Choose comfortable fabrics and durable prints to ensure the shirts last through multiple wears and washes.

5. Involve Students in the Design Process

Encourage student participation to create a sense of ownership and ensure the design reflects the class's personality.

6. Consider Future Traditions

Design shirts that can be reused or adapted for future classes, creating a sense of ongoing tradition.

The Role of Freshman Slogans in School Culture and Tradition

Freshman slogans often become part of a school's cultural fabric, fostering tradition and continuity. Over time, certain slogans or themes may be reused or adapted for different graduating classes, creating a sense of legacy.

Creating a Legacy

Alumni often look back at their freshman shirts with nostalgia, and many schools keep a collection of previous years' shirts to showcase their history.

Encouraging School Engagement

When students see their slogans displayed during events or in school memorabilia, it encourages continued participation and school pride.

Building a Sense of Identity

Unique slogans help students identify with their class and differentiate it from other cohorts, strengthening the community bond.

Conclusion

Freshman shirt slogans for the class of 2017 serve as more than simple phrases—they are symbols of beginnings, aspirations, and school pride. Whether humorous, inspirational, or rooted in tradition, these slogans help to foster a sense of unity among new students and create lasting memories. By incorporating creative themes, engaging in thoughtful design, and understanding their importance within school culture, students and staff can craft shirts that celebrate the class of 2017 in a meaningful and memorable way. As these slogans become part of the school's history, they continue to inspire future classes and uphold the enduring spirit of school community and pride.

Freshman Shirt Slogans Class of 2017 have become a memorable part of high school and college traditions, serving as a fun way for students to showcase their pride, humor, and unique personalities. These slogans often encapsulate the spirit of the graduating class, capturing moments

of camaraderie, humor, and identity that leave lasting impressions on classmates, teachers, and family members alike. Over the years, the slogans chosen for freshman shirts have evolved, reflecting changing trends, cultural influences, and the collective sentiments of the Class of 2017. This review explores the various aspects of freshman shirt slogans, analyzing their significance, popular themes, creative ideas, and the impact they have on school culture.

The Significance of Freshman Shirt Slogans

Freshman shirt slogans are more than just words printed on fabric; they are symbols of belonging and identity. For many students, these slogans serve as a rite of passage, marking the beginning of their high school or college journey. The slogans help foster a sense of community and school spirit, making freshmen feel included and celebrated during their first year.

Key reasons why slogans matter:

- **Fostering Unity:** They create a shared experience among freshmen, uniting them through humor or common themes.
- **Memorability:** A catchy slogan makes the class memorable, often becoming a nostalgic reminder years later.
- **Personal Expression:** Slogans allow students to showcase their personalities, interests, or humor.
- **Tradition Building:** They contribute to school traditions, with certain slogans becoming iconic over time.

Popular Themes and Trends in Class of 2017 Slogans

The slogans of the Class of 2017 reflect a mix of humor, motivation, school pride, and pop culture references. Each theme provides a different way for students to express their identity or bond with classmates.

Humor and Clever Wordplay

Many slogans use humor as a primary tool, employing puns, jokes, or witty phrases to stand out.

Examples include:

- "Fresh to the Best" ? a playful twist on being new and the quality of the class.
- "We Came, We Saw, We Graduated" ? a humorous take on a famous quote.
- "Nerds of the North" ? appealing to academically inclined students with regional pride.

Pros:

- Lighthearted and memorable.
- Encourages camaraderie through shared laughter.

Cons:

- Humor can sometimes be niche or dated, losing relevance over time.
- Risk of offending if not carefully crafted.

School Pride and Spirit

Slogans emphasizing school colors, mascot, or traditions foster a sense of belonging.

Examples include:

- "Roaring with Pride" (if the mascot is a lion or similar).
- "Class of 2017: Unstoppable Tigers" (or other mascots).
- "Built on Tradition, Driven by Dreams."

Pros:

- Boosts school spirit.
- Reinforces identity within the school community.

Cons:

- May feel impersonal to students seeking more individual expression.
- Common slogans can become clichés if overused.

Motivational and Inspirational Phrases

Many slogans aim to motivate students as they progress through their academic journey.

Examples include:

- "Dream Big, Work Hard"
- "The Future is Ours"
- "Chasing Excellence"

Pros:

- Inspires confidence and ambition.
- Sets a positive tone for the year.

Cons:

- Might feel generic or overly cliché.
- Less playful and more serious, which may not suit all students.

Pop Culture References

Referencing movies, music, or memes popular in 2017 adds relatability and humor.

Examples include:

- "May the Grades Be Ever in Our Favor" (a twist on The Hunger Games).
- "Stranger Things Started Here" (if the class was interested in the show).
- "Keep Calm and Graduate On."

Pros:

- Highly relevant for students immersed in pop culture.
- Sparks conversations and shared interests.

Cons:

- Can become outdated as trends change.
- May alienate students unfamiliar with references.

Creative Ideas for Freshman Shirt Slogans

Creativity plays a vital role in making slogans stand out. Here are some ideas that can inspire unique and memorable slogans for the Class of 2017.

Personalized and Inside Jokes

Incorporate inside jokes or references only the class understands.

Example:

- "We Survived Mr. Smith's Pop Quizzes"
- "The 'Oops' Class of 2017" (if known for funny mistakes).

Features:

- Builds camaraderie.
- Personal and meaningful.

Challenges:

- Limited appeal outside the group.
- May not translate well to new students or future classes.

Puns and Wordplay

Using puns related to school subjects, mascot, or graduation.

Examples:

- "Physics? No Problem!"
- "Mathletes in Action."
- "Graduated and Elevated."

Features:

- Catchy and fun.
- Showcases wit.

Challenges:

- Overused or forced puns can seem cliché.

Incorporating Visual Elements

Combine slogans with graphics or mascots for visual impact.

Features:

- Enhances overall design.
- Reinforces message.

Pros:

- Eye-catching.
- Allows for creative expression.

Cons:

- Design complexity may increase costs.

Impact and Reception of Class of 2017 Slogans

The slogans chosen by the Class of 2017 have left a lasting impression in many schools, often becoming part of the school's memories and traditions.

Positive impacts include:

- Enhanced school spirit: Students feel more connected to their class.
- Memorable moments: Slogans often become part of yearbook photos and class reunions.
- Ice-breakers: During orientations or pep rallies, slogans act as conversation starters.

Potential drawbacks:

- Over-commercialization: Some schools may push for slogans that are more marketing than meaningful.
- Exclusion: Certain slogans may unintentionally alienate students who don't relate to the themes.

Conclusion: The Legacy of Freshman Shirt Slogans for Class of 2017

Freshman shirt slogans for the Class of 2017 encapsulate a wide array of themes, from humor and school pride to motivation and pop culture. They serve as a reflection of the class's personality and the cultural climate of the time. Whether through clever wordplay, inside jokes, or inspiring phrases, these slogans foster a sense of unity and create lasting memories. As traditions evolve, future classes will continue to craft slogans that capture their unique identities, but the impact of those from 2017 remains a nostalgic testament to that year's vibrant and spirited student body. Ultimately, these slogans are more than mere words—they are symbols of the beginnings, growth, and shared experiences that define a graduating class.

Question What are some popular slogans for the Class of 2017 freshman shirts? Popular slogans include phrases like 'Freshman Year, Here We Go!', 'Class of 2017: Making Memories', '2017 Freshman Crew', 'Starting Strong: Class of 2017', and 'Freshman Vibes 2017'.
Answer How can I customize a freshman shirt slogan for the Class of 2017? You can personalize slogans by incorporating your school mascot, favorite quotes, or inside jokes, such as '2017 Freshman Warriors' or 'First Year, Best Year: Class of 2017.' Many online vendors offer custom design options.
Are there any trending themes for Class of 2017 freshman shirt slogans? Trending themes include humor, school pride, motivation, and nostalgia. Examples are playful slogans like 'Freshman Year: The Beginning of Everything' or motivational ones like 'New Year, New Goals: Class of 2017.'
Where can I find inspiration for creative freshman shirt slogans for 2017? Inspiration can be found on social media platforms like Pinterest and Instagram, school yearbooks, or by checking out recent senior and freshman class shirts for popular themes and phrases. What makes a freshman shirt slogan for the Class of 2017 stand out? Unique, catchy phrases that showcase school spirit, humor, or personal identity tend to stand out. Incorporating creative wordplay or a memorable motto related to the class's experiences also helps make the slogan impactful.

Related keywords: freshman shirt ideas, class of 2017 apparel, high school graduation slogans, freshman year t-shirts, class of 2017 slogans, school spirit shirts, senior year slogans, graduation t-shirt design, class pride slogans, high school class shirts

Read the full article online: [Freshman shirt slogans class of 2017](#)