

CALIFORNIA STAR TEST RELEASED QUESTIONS 3RD GRADE Complete Guide

Understanding the California Star Test for 3rd Grade: An Introduction

California star test released questions 3rd grade are essential resources for students, parents, and educators aiming to prepare for standardized testing in California. These released questions serve as valuable practice tools, providing insight into the types of questions students can expect on the actual exam. The 3rd-grade level is a pivotal stage in a student's educational journey, laying the foundation for future academic success in reading, mathematics, and other core subjects. By familiarizing themselves with released questions, students can build confidence and develop effective test-taking strategies.

In this comprehensive guide, we will explore the significance of the California Star Test for 3rd graders, how to utilize released questions effectively, and tips for maximizing practice sessions. Whether you're a parent guiding your child through test preparation or an educator designing instructional strategies, understanding these resources is key to fostering academic growth.

The California Star Test: An Overview

What Is the California Star Test?

The California Star Test is a standardized assessment administered statewide to evaluate student proficiency in key academic areas, primarily in English Language Arts (ELA) and Mathematics. The test aligns with the California Common Core State Standards and aims to measure students' mastery of grade-level skills.

Why Is It Important for 3rd Graders?

Third grade marks a critical transition from learning to read to reading to learn. The California Star Test assesses whether students have achieved foundational skills necessary for future success. Performance on these tests can influence:

- Progress tracking for individual students
- Curriculum adjustments by teachers
- School accountability and improvement measures

Role of Released Questions in Test Preparation

What Are Released Questions?

Released questions are actual test items from previous administrations that have been made publicly available by the California Department of Education. They offer a glimpse into the format, difficulty level, and content areas of the upcoming assessment.

Benefits of Using Released Questions

- Familiarization with Test Format: Students learn how questions are structured and what to expect.
- Content Review: Reinforces key skills in reading, writing, and math.
- Identify Weak Areas: Pinpoints topics that need more practice.
- Boost Confidence: Reduces anxiety through familiarity.
- Practice Under Test Conditions: Simulating real test environment enhances time management skills.

How to Effectively Use Released Questions for 3rd Grade Test Prep

Creating a Study Plan

- Gather Resources: Collect all available released questions from official sources.
- Assess Student Skill Level: Identify strengths and weaknesses.
- Set Realistic Goals: Focus on mastering specific question types and content areas.
- Schedule Regular Practice: Consistent review helps retention and confidence.

Practice Strategies

- Simulate Testing Conditions: Use a timer and create a quiet environment.
- Review Answers Thoroughly: Understand mistakes and clarify misunderstandings.
- Use Answer Keys and Explanations: Gain insight into reasoning and problem-solving approaches.
- Incorporate Varied Question Types: Multiple choice, short answer, and problem-solving questions.

Supplemental Resources

- Interactive online practice tests linked to released questions.
- Educational apps aligned with state standards.
- Printable worksheets for additional practice.

Sample Types of 3rd Grade Test Questions from the California Star Test

Reading and Language Arts Questions

- Vocabulary: Identify synonyms and antonyms.
- Comprehension: Answer questions about a passage's main idea or details.
- Grammar: Correct sentence errors or choose proper punctuation.
- Writing: Compose a short paragraph based on a prompt.

Mathematics Questions

- Number Operations: Addition, subtraction, multiplication, and division.
- Word Problems: Apply math skills to real-world scenarios.
- Geometry: Recognize shapes and understand basic concepts.
- Data and Measurement: Interpret simple graphs or measure objects.

Sample Practice Question for 3rd Graders

Reading Question:

Read the passage about a local park. Then answer: What is the main idea of the passage?

- A) The park has many playgrounds.
- B) The park is a place for outdoor activities.
- C) The park is closed on weekends.
- D) The park has a large pond.

Mathematics Question:

If Sarah has 12 apples and gives away 4, how many apples does she have left?

- A) 8
- B) 10
- C) 6
- D) 4

Answer: A) 8

Preparing Students for Success: Tips for Educators and Parents

Engage in Regular Practice

Consistent practice with released questions helps students become comfortable with test formats and question styles.

Incorporate Reading and Math Skills Daily

Daily reading and math activities reinforce core concepts. Use age-appropriate books and math games.

Build Test-Taking Confidence

Encourage students to approach questions calmly, read instructions carefully, and manage their time effectively.

Provide Encouragement and Support

Positive reinforcement boosts motivation and reduces anxiety related to testing.

Utilize Official Resources

Download and review released questions from the California Department of Education website to ensure practice aligns with current standards.

Additional Resources for 3rd Grade Test Preparation

- California Department of Education (CDE): Official released questions and practice tests.
- Educational Websites: Platforms offering interactive practice aligned with California standards.

- School Resources: Teachers often provide additional materials and mock tests.
- Parent Guides: Tips and strategies for supporting young learners.

Conclusion: Elevating 3rd Grade Success Through Practice

Preparing for the California Star Test with released questions is a proven method to help 3rd graders succeed. These questions not only familiarize students with the test format but also reinforce essential skills needed for academic growth. By incorporating regular practice, utilizing official resources, and fostering a positive testing environment, parents and educators can empower young learners to perform confidently and achieve their best.

Remember, the goal of standardized testing is to gauge progress and identify areas for improvement. With diligent preparation and support, 3rd-grade students can develop the skills and confidence necessary for future academic challenges. Embrace the journey of test preparation with the help of California star test released questions, and watch your child's educational foundation strengthen and flourish.

California Star Test Released Questions 3rd Grade: An In-Depth Guide for Educators and Parents

Understanding and preparing for standardized assessments can be a daunting task for educators, parents, and students alike. When it comes to the California Star Test for 3rd grade, access to released questions offers invaluable insights into the test's structure, content, and expectations. This comprehensive review aims to explore the significance of the California Star Test released questions for 3rd graders, how they can be utilized effectively, and what they reveal about the state's educational standards.

What Are the California Star Test Released Questions?

Definition and Purpose

The California Star Test, also known as the California Assessment of Student Performance and Progress (CAASPP), is designed to measure student mastery of state standards across core subjects such as English Language Arts (ELA) and Mathematics. Released questions are actual items from previous assessments that have been publicly shared by the California Department of Education (CDE) to serve as exemplars for teachers, students, and parents.

Purpose of Released Questions:

- Provide transparency about the types of questions students will encounter.
- Serve as practice tools to familiarize students with test formats.

- Help educators identify key content areas and question types.
- Assist in instructional planning aligned with state standards.

Availability and Access

The CDE periodically releases sample questions from prior years' assessments, often accompanied by scoring rubrics and answer keys. For 3rd grade, these released questions are tailored to assess foundational skills in reading, writing, and math. They are accessible through the California Department of Education's official website, often in PDFs or interactive formats, making them easily downloadable and shareable.

The Structure of the 3rd Grade California Star Test

Understanding the structure of the test is essential for effective preparation. The 3rd grade assessments typically focus on core skills in English Language Arts and Mathematics, aligned with the California Common Core State Standards.

English Language Arts (ELA)

- Number of Items: Usually around 40-50 questions.
- Question Types:
 - Multiple-choice questions assessing comprehension, vocabulary, and grammar.
 - Short-answer questions requiring students to write a brief response.
 - Interactive items, such as selecting text evidence.
- Content Focus:
 - Reading comprehension of literary and informational texts.
 - Vocabulary development.
 - Grammar, punctuation, and sentence structure.
 - Writing skills, including paragraph development and spelling.

Mathematics

- Number of Items: Typically 40-50 questions.
- Question Types:
 - Multiple-choice.
 - Fill-in-the-blank.
 - Performance tasks that may involve solving problems or explaining reasoning.

- Content Focus:
- Number operations (addition, subtraction, multiplication, division).
- Place value understanding.
- Basic fractions.
- Measurement and data.
- Geometry.

Deep Dive into Released Questions: What Do They Reveal?

Analyzing released questions provides critical insights into the test's expectations and the skills students should master.

Content Alignment with Standards

- Questions are directly aligned with California's Common Core standards.
- Emphasis on critical thinking and problem-solving rather than rote memorization.
- Inclusion of real-world contexts to assess application skills.

Question Format and Cognitive Level

- Predominantly multiple-choice, but increasingly incorporating constructed-response items.
- Questions designed to evaluate different cognitive levels:
- Recall and basic understanding.
- Application and analysis.
- Synthesis and evaluation.

Skill Development Focus

- Emphasis on:
- Reading comprehension strategies such as inference, summarization, and main idea identification.
- Mathematical reasoning and justification for answers.
- Writing clarity and coherence.

Sample Questions and Their Implications

Example 1 (ELA):

Read the passage and answer the question:

?Samantha was excited to go to the park. She played on the swings, ran around, and fed the ducks.?

Question: What is Samantha doing in the story?

Implication: Assesses understanding of main idea and details.

Example 2 (Math):

If you have 12 apples and give away 4, how many apples do you have left?

Implication: Tests basic subtraction and problem-solving skills.

Effective Strategies for Using Released Questions

Maximizing the utility of released questions involves strategic use, whether for practice, assessment, or instructional planning.

For Teachers

- Curriculum Alignment: Use questions to identify gaps in instruction and adjust lesson plans accordingly.
- Formative Assessment: Incorporate questions into daily or weekly quizzes to gauge student understanding.
- Test-Taking Skills: Teach students how to approach multiple-choice questions, manage time, and eliminate incorrect options.
- Differentiation: Use questions of varying difficulty to tailor instruction to diverse learner needs.

For Parents and Guardians

- Practice at Home: Use released questions as homework or review exercises to build confidence.
- Test Familiarity: Help children become comfortable with the format and question types.
- Discuss Strategies: Encourage students to think aloud when answering questions to develop reasoning skills.

For Students

- Review Correct and Incorrect Responses: Understand why certain answers are correct or wrong.
- Simulate Testing Conditions: Practice under timed conditions to build stamina and focus.
- Focus on Weak Areas: Use feedback from practice questions to target specific skills needing improvement.

Sample Practice Activities Using Released Questions

Engaging, hands-on activities can deepen understanding and boost confidence.

Activity 1: Question Analysis

- Students attempt a released question.
- Discuss the reasoning behind their choice.
- Review the official answer and rationale.

Activity 2: Question Creation

- Students create their own questions based on similar standards.
- Peer review to ensure clarity and accuracy.

Activity 3: Mock Test Simulation

- Assemble a mini-test using multiple released questions.
- Practice completing it within a set time limit.
- Discuss strategies for managing test anxiety and time.

Benefits of Using Released Questions for 3rd Grade Students

Implementing released questions into instruction and practice yields numerous advantages:

- Familiarity with Test Format: Students become comfortable with question styles and wording.
- Skill Reinforcement: Reinforces key standards and skills outlined in the curriculum.
- Confidence Building: Reduces test anxiety through repeated exposure.
- Data-Driven Instruction: Provides concrete data to inform teaching priorities.
- Alignment with Standards: Ensures teaching remains aligned with state expectations.

Limitations and Considerations

While released questions are valuable, it's important to recognize their limitations:

- Limited Scope: They represent only a subset of possible questions and may not cover all standards.
- Potential for Over-reliance: Excessive focus on released questions can narrow learning experiences.
- Question Variability: New test questions may differ in style or difficulty, so practice should be diverse.
- Evolving Standards: Standards and test formats may change, so ensure resources are up-to-date.

Conclusion: The Strategic Value of California Star Test Released Questions for 3rd Grade

In summary, California Star Test released questions 3rd grade serve as a vital resource for anyone involved in early elementary assessment preparation. They offer a window into the assessment's structure, content, and cognitive demands, enabling educators and parents to tailor instruction and practice effectively. When integrated thoughtfully into teaching strategies, these questions support student mastery of critical skills, boost confidence, and foster a positive attitude towards assessments.

By understanding the nuances of released questions—how they align with standards, what skills they assess, and how to utilize them—stakeholders can create a more focused, informed, and supportive testing environment. Ultimately, these resources help ensure that 3rd grade students are not only prepared to succeed on their assessments but also develop a strong foundation for future academic growth.

Remember: The goal of assessment is not just to evaluate but to enhance learning. Using released questions strategically transforms them from mere practice items into powerful tools for growth and understanding.

Question Answer What are California Star Test released questions for 3rd grade? California Star Test released questions for 3rd grade are official sample questions from previous tests that help students and teachers prepare for the actual exam by familiarizing them with the format and types of questions asked. How can I use California Star Test released questions to prepare my 3rd grader? You can review the released questions with your child to understand the test content, practice answering similar questions, and identify areas where they may need more help to build confidence and improve their skills. Where can I find California Star Test released questions for 3rd grade?

These questions are often available on the official California Department of Education website, educational resources websites, or through your child's school or teacher who may provide practice materials. Are the California Star Test released questions aligned with the 3rd-grade curriculum? Yes, the released questions are designed to align with California's state standards and curriculum for 3rd grade, ensuring they accurately reflect the skills and knowledge students are expected to learn. How many released questions are typically available for 3rd grade California Star Tests? The number of released questions varies each year, but generally, there are several sample questions across different subjects like math and English language arts to help students practice. Can practicing with California Star Test released questions improve my child's test scores? Yes, practicing with released questions can help students become familiar with the test format, improve their problem-solving skills, and reduce test anxiety, which can positively impact their scores. Are the California Star Test released questions similar to the actual test questions for 3rd graders? While they are not identical, the released questions are representative samples that reflect the style, difficulty, and content of the actual test questions students will encounter.

Related keywords: California Star Test, 3rd grade practice questions, California State Testing, third grade assessments, California STAR test prep, 3rd grade standardized tests, California educational assessments, STAR test released items, third grade test questions, California testing resources

Masterprose study questions

Masterprose study questions have become an essential resource for students and educators aiming to deepen their understanding of literary works, improve critical thinking skills, and excel in assessments. As a comprehensive tool, these questions facilitate active engagement with texts, enabling learners to analyze themes, characters, and literary devices more effectively. In this article, we will explore the importance of masterprose study questions, how to utilize them effectively, and tips for mastering your studies with these valuable resources.

Understanding the Significance of Masterprose Study Questions

What Are Masterprose Study Questions?

Masterprose study questions are carefully curated questions designed to accompany literary texts or educational content. They serve as prompts that guide students through critical analysis, comprehension, and interpretation of literary works. These questions often cover various aspects such as plot, character development, themes, symbols, and writing style.

Why Are They Important?

Using masterprose study questions offers numerous benefits:

- **Enhanced Comprehension:** They push students to think deeply about the text, ensuring a better grasp of the material.
- **Critical Thinking Development:** These questions challenge learners to analyze and evaluate literary elements critically.
- **Exam Preparation:** They align with curriculum standards and exam formats, making revision more targeted and effective.
- **Active Engagement:** Moving beyond passive reading, students actively interact with the text.
- **Writing Skills Improvement:** Responding to questions helps refine analytical and argumentative writing abilities.

How to Effectively Use Masterprose Study Questions

1. Familiarize Yourself with the Material

Before tackling the questions, ensure you have read the literary work thoroughly. Take notes on key elements such as plot points, character traits, and significant symbols. This foundational understanding will make your responses more insightful.

2. Approach Questions Strategically

Not all questions require the same level of detail. Some may prompt simple recall, while others demand deep analysis.

- **Start with comprehension questions:** These confirm your understanding of basic facts.
- **Progress to analytical questions:** Focus on themes, motives, and literary devices.
- **Reflect on personal interpretation:** Consider your perspective and how it relates to the text.

3. Develop Thoughtful and Well-Structured Responses

When answering:

- **Use Evidence:** Support your points with direct quotes or references from the text.
- **Be Clear and Concise:** Communicate your ideas effectively without unnecessary verbosity.
- **Organize Your Answers:** Use paragraphs, topic sentences, and logical flow.

4. Practice Regularly

Consistent practice with study questions enhances comprehension and confidence. Set aside dedicated time to review questions after reading assignments or before exams.

5. Discuss Responses with Peers or Educators

Engaging in discussions helps you see different perspectives and deepen your understanding. Consider joining study groups or seeking feedback from teachers.

Tips for Mastering Study Questions in Different Contexts

Using Masterprose Study Questions for Exam Preparation

- Simulate Exam Conditions: Practice answering questions within time limits to build exam readiness.
- Identify Weak Areas: Focus on questions you find challenging to strengthen your knowledge.
- Review Model Answers: Compare your responses with model answers or teacher feedback to improve.

Incorporating Study Questions into Writing Assignments

- Outline Essays Based on Questions: Use questions as essay prompts to organize your thoughts.
- Develop Thesis Statements: Frame your responses around central ideas prompted by the questions.
- Cite Evidence Effectively: Support your arguments with quotations from the text.

Enhancing Literary Analysis Skills

- Break Down Complex Questions: Analyze what the question asks for before responding.
- Identify Literary Devices: Recognize metaphors, symbolism, and stylistic elements related to the question.
- Compare and Contrast: Use questions that ask for comparisons to develop comparative analysis skills.

Common Types of Masterprose Study Questions

Recall and Comprehension Questions

These questions test your understanding of factual information in the text.

- Who are the main characters?
- What is the setting of the story?
- Summarize the plot of the chapter.

Analysis and Interpretation Questions

These encourage critical thinking about literary elements.

- What is the significance of the symbol used in the story?
- How does the author develop the protagonist's character?
- What themes are explored in the narrative?

Opinion and Personal Response Questions

These questions invite personal reflection and interpretation.

- What is your opinion of the ending?
- How do you relate to the main character's experiences?
- What message do you think the author intended to convey?

Comparison and Contrast Questions

These involve analyzing similarities and differences between texts or characters.

- Compare the themes of two different stories.
- Contrast the protagonists' motivations.
- How do two authors approach the same theme differently?

Creating Your Own Masterprose Study Questions

While many resources provide pre-made questions, developing your own can significantly enhance comprehension.

- Identify key themes, characters, and symbols.

- Formulate questions that challenge your understanding at various levels.
- Mix factual, analytical, and opinion-based questions for a balanced approach.
- Seek feedback from teachers or peers to refine your questions.

Conclusion

Masterprose study questions are invaluable tools that foster active learning, critical analysis, and exam success. By integrating these questions into your study routine, you can develop a deeper understanding of literature, enhance your analytical skills, and perform confidently in assessments. Remember to approach each question thoughtfully, support your responses with evidence, and continually challenge yourself with new prompts. With consistent practice and strategic use, masterprose study questions can significantly elevate your literary comprehension and academic performance.

MasterProse Study Questions have become an essential resource for students and educators aiming to deepen their understanding of literary works and improve analytical skills. These study questions serve as a comprehensive guide, fostering active engagement with texts through targeted prompts, thought-provoking inquiries, and structured activities. As the educational landscape shifts toward more interactive and student-centered learning, MasterProse Study Questions offer a valuable tool to facilitate critical thinking, textual analysis, and exam preparation. In this article, we will explore the features, benefits, potential drawbacks, and best practices for utilizing MasterProse Study Questions effectively.

Overview of MasterProse Study Questions

MasterProse Study Questions are curated sets of questions designed to accompany literary texts, including novels, plays, poems, and essays. They are typically organized to align with the progression of the work, encouraging students to analyze characters, themes, literary devices, and authorial intent. These questions aim to promote close reading and analytical thinking, helping students develop a nuanced understanding of complex texts.

Core Features of MasterProse Study Questions

- **Structured Format:** Questions are often grouped by chapters, acts, or sections, enabling step-by-step analysis.
- **Diverse Question Types:** Includes comprehension, interpretive, evaluative, and creative prompts.
- **Answer Guides:** Many sets provide suggested answers or discussion points, aiding teachers in assessment.
- **Supplemental Resources:** Often accompanied by thematic summaries, vocabulary lists, and

contextual information.

Intended Audience

MasterProse Study Questions are tailored for a broad audience, including:

- High school students preparing for exams like the SAT, ACT, or AP Literature.
- College undergraduates engaging in coursework or research.
- Educators designing lesson plans or classroom activities.
- Self-learners seeking structured guidance in literary analysis.

Advantages of Using MasterProse Study Questions

Implementing these questions in the learning process offers numerous benefits:

Enhanced Critical Thinking Skills

By prompting students to analyze motives, symbols, and themes, these questions foster higher-order thinking. They challenge students to interpret texts beyond surface-level comprehension, encouraging deeper engagement.

Structured Learning Pathway

The organized nature of the questions provides a clear roadmap for studying. Students can systematically approach a text, ensuring comprehensive coverage and reducing confusion during revision.

Preparation for Assessments

MasterProse Study Questions mirror many exam formats, especially essay prompts and short-answer questions. Regular practice with these questions can boost confidence and improve exam performance.

Support for Teachers

Educators benefit from ready-made questions and answer guides, saving preparation time. The questions can serve as discussion starters, homework assignments, or assessment tools.

Encourages Active Reading

Rather than passively reading, students are prompted to actively analyze and reflect on the material, leading to better retention and understanding.

Limitations and Challenges of MasterProse Study Questions

Despite their many advantages, there are some limitations to be aware of:

Potential for Over-Reliance

Students may become dependent on structured questions, which could hinder the development of independent analytical skills if not balanced with open-ended discussions.

Question Quality Variability

Not all sets of study questions are equally well-crafted. Poorly designed questions can be superficial or misleading, leading to superficial understanding.

Limited Flexibility

Pre-made questions may not always align perfectly with specific teaching goals or student needs, requiring teachers to modify or supplement them.

Risk of Rote Learning

Students might focus on memorizing answers rather than engaging critically with the text, reducing genuine comprehension.

Cost and Accessibility

Some comprehensive sets of MasterProse Study Questions are behind paywalls or require subscriptions, potentially limiting access for some learners.

Best Practices for Using MasterProse Study Questions Effectively

To maximize their benefits, educators and students should consider the following strategies:

Complement with Open-Ended Discussions

Use the questions as a starting point, but encourage students to formulate their own questions and interpretations to foster originality and deeper understanding.

Customize and Expand

Adapt questions to suit specific learning objectives or student interests. Add prompts for creative responses or comparative analyses.

Balance Guided and Independent Learning

Combine structured questions with free-form activities like essays, presentations, or debates to develop a well-rounded skill set.

Use as Formative Assessment Tools

Employ the questions periodically to gauge understanding and adjust instruction accordingly.

Encourage Reflection

Prompt students to reflect on their responses and reasoning processes to develop metacognitive skills.

Integrating MasterProse Study Questions into Curriculum

Effective integration involves strategic planning:

Pre-Reading Activities

Introduce questions that activate prior knowledge or predict themes, setting a purpose for reading.

During Reading

Use questions to guide focused reading, highlighting key passages or literary devices.

Post-Reading Analysis

Assign questions that synthesize understanding, compare interpretations, or connect themes across works.

Assessment and Feedback

Utilize responses to evaluate comprehension and provide constructive feedback.

Conclusion

MasterProse Study Questions serve as a versatile and valuable resource in the realm of literary education. Their structured approach, diverse question types, and alignment with curriculum goals make them an effective tool for fostering critical thinking, comprehension, and analytical skills. While they are not without limitations, when used thoughtfully and in conjunction with other pedagogical strategies, they can significantly enhance the learning experience. Whether for students preparing for exams or educators designing engaging lessons, MasterProse Study Questions offer a pathway to deeper literary understanding and academic success. To maximize their potential, users should focus on customization, active engagement, and balancing guided questions with independent inquiry, ensuring a rich and stimulating exploration of literature.

QuestionAnswer What are masterprose study questions commonly used for? Masterprose study questions are used to help students analyze and understand literary texts more deeply by focusing on themes, characters, and stylistic elements. How can I effectively prepare for masterprose study questions? To prepare effectively, read the text thoroughly, identify key themes and literary devices, and practice answering different types of questions to improve comprehension and analytical skills. Are masterprose study questions suitable for all grade levels? Yes, they can be adapted for various educational levels by adjusting the complexity of the questions to match students' comprehension and analytical abilities. What types of questions are typically included in masterprose study questions? They often include comprehension questions, thematic analysis, character analysis, stylistic questions, and questions that require critical thinking and personal interpretation. How can teachers best utilize masterprose study questions in the classroom? Teachers can use them as discussion prompts, homework assignments, or exam questions to encourage critical thinking and ensure students engage deeply with the text. Where can I find practice masterprose study questions online? Many educational websites, literary resource platforms, and teacher forums offer practice questions tailored to various texts and grade levels. What skills do students develop by answering masterprose study questions? Students improve their analytical thinking, comprehension, textual evidence evaluation, and ability to articulate insights clearly. Can masterprose study questions be used for self-study? Yes, they are valuable for self-study, allowing learners to test their understanding and develop critical analysis skills independently. How do masterprose study questions differ from regular comprehension questions? Masterprose study questions typically require deeper analysis, interpretation, and critical thinking, whereas regular comprehension questions focus on understanding basic content.

Related keywords: masterprose, study questions, literature analysis, comprehension questions, literary themes, exam prep, classroom activities, critical thinking, reading comprehension, educational resources

Read the full article online: [Masterprose Study Questions](#)