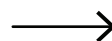


## Human Anatomy and Physiology

- Path of blood flow through the heart
- Know what makes up the cytoskeleton
- Know where ADH is secreted from
- Hormone production
- Blood pressure
- Alkalosis and acidosis
- Know that testosterone is an androgen
- Difference between active and passive immunity
- Know that oxygenated blood flows through the pulmonary vein
- Know which gland endocrine hormones are produced/secreted by
- Eccrine, apocrine, and sebaceous glands
- Differences among long, short, and irregular bones
- Know what the suffixes *-clast* and *-blast* mean
- Kidney structure and function
- Anatomical plane
- Causes and effects of osteoporosis
- Urinary system
- Integumentary system
- Muscular system
- Reproductive system
- Central nervous system (CNS) and peripheral nervous system (PNS)

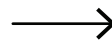
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## Biology

- Know how a Punnett square works
- Translate mutations of DNA
- Stem cell differentiation
- Cell potency
- DNA and RNA structure
- Base pairing
- Electrophoresis
- Neuron action potential graphs
- Know what a phenotype is
- Know what a genotype is
- Complementary DNA strands
- Cell structures
- Organelle functions
- Endoderm, mesoderm, and ectoderm
- Viruses
- Taxonomy hierarchy
- Know that bile breaks down lipids
- Melanocytes
- Mendel's law
- Know that an amino acid is made from an amine and a carboxylic acid
- Difference between eukaryotic and prokaryotic cells
- Differences among osmosis, active transport, and facilitated diffusion

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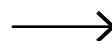
## Chemistry

- Acids and bases
- Acid-base balance
- Protons, neutrons, and electrons
- Properties of water
- Critical point
- Triple point
- Atomic radius
- UV radiation
- Ionic and covalent bonds
- Double- and single-replacement reactions
- States of matter (solid, liquid, gas, and plasma)
- Number of valence electrons in the common elements
- Find atomic numbers of common elements
- Find mass numbers of common elements
- pH scale
- Electronegativity
- Combustion reactions
- Synthesis reactions
- Sublimation and deposition
- Role of catalysts
- How to balance chemical equations

## Scientific Reasoning

- Scientific method
- Know how to predict relationships among events, objects, and processes
- Basic scientific measurements and tools
- Know how to apply logic and evidence to a scientific explanation

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## Key Ideas and Details

- Make inferences
- Draw conclusions about a text
- Interpret the order of events in a text
- Locate specific information in a text
- Interpret labels
- Read charts and graphs
- Find which sentence does not belong in a paragraph

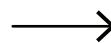
## Craft and Structure

- Identify the tone of a text
- Identify an author's point of view
- Difference between fact and opinion
- Identify a text's theme/main idea
- Identify a text's conclusion
- Know the importance of a text's thesis
- Interpret word meanings by using context clues
- Identify the purpose of a text (expository/informative/persuasive)

## Integration of Knowledge and Ideas

- Read recipes
- Read nutrition facts
- Know what an almanac is
- Know what a bibliography is
- Know what an atlas is
- Read maps
- Use a dictionary
- Compare and contrast themes
- Evaluate an argument
- Primary and secondary sources

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## Numbers and Algebra

- Solve for  $x$
- Simplify an expression
- Find the median, mean, and mode
- Make estimations
- Convert among fractions, decimals, and percentages
- Add, subtract, multiply, and divide decimals and fractions
- Order a list of fractions and decimals
- Order a list of rational numbers
- Solve simple tax problems
- Solve problems using dependent and independent variables
- Solve problems involving ratios, proportions, and rates of change
- Create an equation that matches a written word problem

## Measurement and Data

- Formula for area of a triangle
- Formula for area of a square
- Formula for area of a rectangle
- Pythagorean Theorem
- Hypotenuse
- Calculate the perimeter of a circle in terms of pi when given the area
- Interpret scatter plot data
- Positive and negative correlation
- Normal distribution and bimodal distribution
- Read bar graphs, line graphs, and pie charts
- Convert mL to L, ft to yd, lb to kg, and tbsp to mL

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# TEAS ENGLISH AND LANGUAGE USAGE CHECKLIST

## Conventions of Standard English

- Parts of speech
- Recognize dangling modifiers
- Prefixes and suffixes
- Capitalization and punctuation rules
- Subject-verb agreement
- Synonyms and antonyms
- Common spelling mistakes
- How to use semicolons
- Comma rules
- When to use "who/whom"
- Use "could have" instead of "could of"
- Using quotation marks
- Adverbs and adjectives
- Conjunctions and interjections
- Difference between homophones and homographs
- Simple, compound, complex, and compound-complex sentences

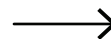
## Knowledge of Language

- Recognize and avoid double negatives
- Difference between a complete sentence and a sentence fragment
- Recognize and avoid run-on sentences
- Evaluate if language meets the needs of a particular audience
- Difference between formal and informal language
- Introduction, body, and conclusion paragraphs
- Topic sentences
- Transition words and phrases

## Using Language and Vocabulary

- Communicate ideas effectively
- Determine word meanings using word parts

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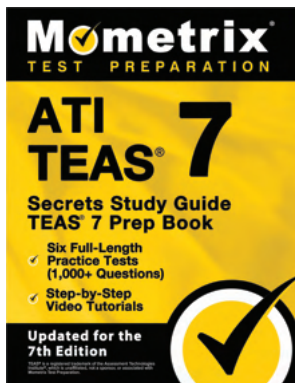
Studying for the TEAS doesn't have to be a pain. Our comprehensive checklist highlights the key topics you need to know to ace the exam!

Checklists are used all around the world as a vital tool. It's been shown that using a simple checklist can help people like surgeons, astronauts, and pilots minimize errors and increase efficiency in the workplace.

Using a checklist to guide your studying provides a structured and organized way to track your progress and ensure that you are covering all the important information!

Note that this checklist does not cover everything that's on the TEAS exam. For a more comprehensive review, visit [mometrix.com/academy/teas-test/](https://mometrix.com/academy/teas-test/).

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