OVERVIEW

By middle-school age, young people are forming opinions about everything they encounter. With that in mind, WORLDteen chooses stories to broaden readers’ knowledge beyond just the events of their day-to-day lives, giving them more opportunity to apply thinking skills and discernment to the events of the greater world. WORLDteen stories are selected not simply for appealing content. Our editors look for news that gives opportunity to prompt response in readers, encouraging them to ask questions of their own, to apply biblical truth, and to consider ethical practices.

EACH TOPIC SECTION INCLUDES:

• Four unique stories (thirty-two online stories total; selected stories in print magazine)
• Photo slideshows with each online story (thirty-two total)
• One quiz for each topic (eight online quizzes total; one topic quiz in print magazine)
• Choice of printable worksheets included with teaching guide

DAILY NEWS SECTION:

• Online News Bytes section for breaking news each weekday
• News Bytes comments area for safe discussion of current events

RECOMMENDED PACING:

• Daily—Read the current online News Bytes stories and reader comments; optionally, add your own comments online.
• Weekly—Work through one topic section through the week: read all four stories online, research the topic further, comment online with other WORLDteen readers, and finish by taking the online quiz.
• Weekly—Complete your choice of printable worksheets (included with your teaching guide) to study a selected article or that week’s topic more thoroughly.
EXPLAIN IT! STORIES
Check the box after reading each story, and then take the quiz.

☐ 1. **Garden Designs for Dwelling:** A huge New York City garden exhibit honors Brazilian Midcentury Modern landscape architect Roberto Burle Marx. What is the difference between landscaping and landscape architecture?

☐ 2. **Allergies: Get Dirty!** : Allergies may be on the rise—but what’s dirt got to do with it? Doctors now think getting dirty—especially at a young age—may play a part in staying healthy.

☐ 3. **Filling a Proverbs Library:** A proverb researcher is better late than never in getting his book collection placed in a university library. What is a proverb and why do proverbs exist in all languages and cultures?

☐ 4. **Saving the Alamo:** Preservation efforts are underway at the famous Alamo Mission in Texas. But conflict over how the site—which is also a cemetery—should be handled threatens to limit the work that can be done there.

---

EXPLAIN IT! QUIZ

1. **Allergies can flare up in weakened areas of the body. So one theory about allergies says ___.**
   a) people need to protect their barriers, e.g., skin, respiratory tract, and digestive system
   b) people need to take antibiotic drugs every day to protect their health

2. **What about Roberto Burle Marx’s work shows that he was a landscape architect and not just a gardener?**
   a) He used living materials to create spaces for human activity to take place.
   b) He designed the plant life that would go inside high-rise office buildings.

3. **Which two items have been found by archaeologists at the Alamo site?**
   a) an 1800s buckle and a musket
   b) a majolica and a mid-1800s bottle

4. **What did the University of Vermont do with Professor Wolfgang Mieder’s collection of proverbs-related books?**
   a) The school put the books in a newly renovated library on campus.
   b) The school had the entire collection put in a computer database.
GLOBE TREK STORIES
Check the box after reading each story, and then take the quiz.

☐ 1. **MLB Takes a Hit in Venezuela:** Recent U.S. sanctions against Venezuela are affecting more than just trade. Now Major League Baseball will no longer participate in Venezuela’s winter season in order to comply with government restrictions.

☐ 2. **Alexandria in Danger:** Rising sea levels are threatening a 2,300-year-old Egyptian city. Will human efforts be able to hold back the tide and protect the population and two millennia of history there?

☐ 3. **Mahjong Catching On in America:** A very popular Asian game is gaining players in the United States. Clubs and competitions are being established for those who enjoy the intricate tile-matching activity.

☐ 4. **Africa’s Charcoal Consequences:** Thousands of acres of African rainforest are cut down and burned—often illegally—to form charcoal. Many in poor homes use the fuel for cooking. But the industry has troubling consequences.

---

GLOBE TREK QUIZ

1. Why has Major League Baseball determined not to allow its players to participate in Venezuela’s winter league during the American off season this year?
   a) The Trump administration has placed sanctions on Venezuela, and MLB is seeking to support the government’s policies.
   b) Venezuela is experiencing so much internal violence that MLB executives feel it is too unsafe to allow American players to travel there.

2. What kind of walls are engineers in Alexandria, Egypt, building along the coast?
   a) They are erecting walls to keep extremists from invading their city by sea.
   b) They are building sea walls to try to keep the sea from further eroding the shoreline.

3. Congolese rainforests are in danger from what trade?
   a) from charcoal burners who chop down trees and burn them to make charcoal
   b) from timber loggers who refuse to plant trees in the forest after they chop some down

4. Which popular Asian game is gaining a following in the United States, with clubs and competitions growing in bigger cities?
   a) xiangqi, a variation of chess with fewer pawns and more movement options
   b) mahjong, a matching game played with numbered tiles
KA-CHING! STORIES
Check the box after reading each story, and then take the quiz.

☐ 1. **Alaska Oil Dividend Checks**: Residents of the oil-rich state of Alaska receive dividends from oil profits just for living in that state. But Alaska has a budget crisis. Should it stop handing out checks and fund government programs instead?

☐ 2. **Secondhand Is First Rate**: Whether the reason is saving money or trying on a trendy, vintage style, clothing shoppers are leaving retail shops for thrift stores. Some retailers hope to win shoppers back with secondhand offerings in their own stores.

☐ 3. **Japan’s Pricy Olympics**: The Tokyo 2020 Olympic Games are coming up, and tickets are available—if you’re willing and able to pay big bucks for them. This Olympics is predicted to be the most expensive ever.

☐ 4. **Ethics in Tech Work**: Some workers in the technology industry are realizing how great an impact—positive and negative—their contributions can have. As they consider issues they feel are moral or ethical in nature, some are willing to sacrifice pay for a clear conscience.

KA-CHING! QUIZ

1. **Because of Alaska’s budget problems, residents may need to choose between ___**.
   a) the size of their Fund checks and the public services many expect
   b) drilling for oil further north and using the oil they already have

2. **How are retailers like J.C. Penney and Macy’s dealing with the buyers’ trend of seeking secondhand merchandise?**
   a) Those retailers are advertising the dangers of buying products from someone you don’t know.
   b) Some stores are selling used goods in their stores as a way to bring customers in.

3. **What might the 2020 Tokyo Olympics break records for?**
   a) being the lowest attended Olympic Games in modern history
   b) being the most expensive and most in-demand Olympics ever

4. **Many of today’s tech workers are concerned about ethics in their business. This includes ___**.
   a) what kind of high-paying jobs they can get later
   b) how their work affects consumers and the environment
LAW 'N ORDER STORIES
Check the box after reading each story, and then take the quiz.

☐ 1. **Freeing Colombia's Songbirds**: As Colombia begins to gain control over some of its violent crime, law enforcement resources can be allocated to address another area: the illegal trafficking of the nation’s diverse wildlife.

☐ 2. **Rooster Maurice Wins in Court**: Sometimes people move to the country seeking “peace and quiet.” But a French court ruled that it is not the responsibility of country life to pipe down on behalf of those new transplants!

☐ 3. **Rock-Stacking Stirs Debate**: Rock stacks pile up in scenic locales, especially near rivers. But not everyone finds the rock stacks, called cairns, charming. Could they actually cause harm to the native organisms living nearby?

☐ 4. **College Athletes: Pay or No Pay?**: California has passed a new law that allows student-athletes to make money on their talents while still in college. In the past, student-athletes were disallowed from accepting payment for endorsing products—but not any longer!

---

LAW 'N ORDER QUIZ

1. **How were the songbirds that participated in the contest enticed to sing?**
   a) They were forced to listen to loud music around the clock.
   b) They were released from their tiny cages and permitted to spin in the air.

2. **Maurice’s court case highlights the tension in France between what two sides?**
   a) roosters and ducks versus cows and pigs
   b) rural culture and city expectations

3. **What are two problems the cairn story mentions about rock stacks?**
   a) Cairns can harm the habitats of river animals and spoil God’s natural beauty.
   b) Falling rock stacks can clog riverbeds and hurt fish.

4. **What does California’s “Fair Pay To Play” law mean for some student-athletes?**
   a) Many student-athletes will become school employees, earning a salary for playing while at college.
   b) Student-athletes will be allowed to receive money for promoting or advertising products.
MUD ROOM STORIES
Check the box after reading each story, and then take the quiz.

☐ 1. **Hitching a Rocky Ride:** Miles of floating rocks are traveling in a large ocean mass. The rocks are made of pumice. The air-hole pocked minerals came from a volcano and are now carrying tiny sea creatures to Australia.

☐ 2. **Make Way for Puffins:** There’s good news for puffins—at least for now. The sharply marked, colorful water birds are nesting and reproducing in record numbers on islands near Maine.

☐ 3. **Secrets of Spider Silk:** Known for its super strength and sticky fibers, spider silk is one of God’s fascinating and useful creations. Now a spider silk library could help scientists develop new materials based on the features of that strong, versatile stuff.

☐ 4. **Tech Squeezes Every Drop from River:** Using drones, cameras, sensors, and irrigation systems, scientists hone in on precisely how much—or how little—water crops need. They seek to maximize conservation without harming produce harvests.

---

MUD ROOM QUIZ

1. **Which type of fish are best for a puffin’s diet?**
   a) squid and butterfish
   b) herring and haddock

2. **What do scientists hope to learn from a silk library?**
   a) Scientists hope to figure out how spiders make multiple kinds of silk and how each kind works.
   b) Researchers are looking to develop “super spiders” that spin more silk than the common garden-variety arachnid.

3. **What kind of 58-mile “raft” is headed toward Australia’s Great Barrier Reef?**
   a) a raft made of floating pumice stone from an underwater volcano
   b) a raft built to hold many species of marine animals, especially corals

4. **What is the specific term for measuring and managing water flow, irrigation, plant health, and soil moisture to squeeze every possible drop out of a water supply, such as a river?**
   a) conservation
   b) deficit irrigation
PEOPLE MOVER STORIES
Check the box after reading each story, and then take the quiz.

☐ 1. City Docs and Country Docs: Medical school students are most often drawn to cities after they finish their training. But country areas need doctors too. So medical schools seek reasons to attract new doctors to poor rural areas.

☐ 2. Alabama Band of Brothers: Altogether, the 11 Davis brothers from Alabama contributed 158 years in the U.S. military. Seven of the brothers gathered to reminisce and share their camaraderie and loyalty to their country.

☐ 3. Record-Setting Hiker: In just one year, Philip Carcia climbed to the summit of each of New Hampshire’s 48 mountains—not just once but 12 times. He did them all once each month of the year. The record-setting hiker sees himself as a pioneer with potential.

☐ 4. Baldwin: Football to Philanthropy: Doug Baldwin played football for 25 years—from his early childhood all the way up to joining the pros. But injuries slowed him down. Now the former NFL wide receiver considers life and service to others after football.

PEOPLE MOVER QUIZ

1. Medical schools with rural programs encourage what kind of medical practice?
   a) Schools with rural tracks hope to lead would-be doctors to practice general medicine in struggling rural areas.
   b) These schools encourage students to specialize in rare diseases so that they are ready to confront unusual symptoms.

2. Philip Carcia set a record for hiking __.
   a) the most 4,000-foot-high U.S. mountains in a year
   b) 48 4,000-foot New Hampshire mountains in every month of a single year

3. What does Doug Baldwin believe everyone eventually “comes to grips with”?
   a) Everyone realizes they are mortal and that all things come to an end.
   b) Football and other professional sports take a huge toll on a person’s body.

4. What unique contribution have the 11 Davis brothers made?
   a) The brothers started an educational foundation for poor rural children in the American South.
   b) Combined, the brothers have given 158 years of military service to America.
1. **Graphene Bugs Skeeters:** A thin, durable, flexible, all-natural chemical film is showing promise for many uses. Tops on the list: It lands a one-two punch to stop pesky mosquitoes from biting!

2. **Will Automation Lead to Free $?:** Machines and computers are doing more and more of the repetitive tasks in the work force. Some Americans think losing jobs to computers should mean free money for people.

3. **Helicopter Hitching Ride to Mars:** NASA engineers attached a small helicopter to the Mars 2020 Rover. The helicopter is designed to lift off in very thin atmosphere. If it works, it will be the first aircraft to fly on another planet.

4. **Programmable, Color-Changing Ink:** The chameleon and some sea creatures can change color. What if we could change the color of our shirt, shoes—even our car? Scientists draw inspiration from God’s creation to make color-change ink that allows for that!

---

**PIE IN THE SKY QUIZ**

1. What is graphene’s one-two punch against mosquitoes?
   - a) Mosquitoes cannot pierce dry graphene film or sense skin/blood covered by graphene.
   - b) Graphene first stuns the insects and then kills them with a poison lethal only to mosquitoes.

2. What do some Americans think those who lose a job to a computer should be entitled to?
   - a) collect a regular paycheck from the government
   - b) go to the front of the unemployment line

3. The PhotoChromeleon (“light” + “color”) project has to do with __.
   - a) a new process of taking photographs using the Sun and special photo paper
   - b) being able to change the color and pattern of a nonliving object

4. How will the Mars Helicopter achieve lift on a planet with very little atmosphere to operate in?
   - a) Small jet packs on its underbelly will provide downward force to achieve lift.
   - b) Its rotors will spin at 10 times the revolutions per minute of a helicopter on Earth to achieve lift.
1. **E-bikes Hit the Trail:** Ready or not, here they come! A new rule says electric bikes are allowed in national parks and on public lands—maybe even near you. Will they spoil the natural experience—or enhance it for people who aren’t fully mobile?

2. **Technology and Human Downgrading:** Former Google employee Tristan Harris wants to see changes in the technology industry. His Center for Humane Technology works to reveal what technology is doing to human brains and how users can protect themselves.

3. **Unwanted Ink:** Tattoos and regrets can fade away at the Elimination Station. Owner Rochelle Pommer uses a laser light system to gently remove unwanted tattoos and help people get their God-given skin back.

4. **Pas de Foie Gras?** Foie Gras is a rich and decadent French dish made from fattened goose livers. A New York City ban on the delicacy could harm producers of the luxury food—and the many people those businesses employ.

---

**POP! SMART QUIZ**

1. **Human downgrading is the idea that** ___.
   a) technology must be constantly changing or else it becomes outdated
   b) in many ways, technology has made people worse rather than better

2. **What do people against the making and sale of foie gras object to?**
   a) tube-feeding ducks and geese in order to fatten their livers for eating by humans
   b) allowing ducks and geese to eat contaminated food that could end up in its organs

3. **Elimination Station is a growing Pennsylvania business that specializes in what?**
   a) using a laser to break down and remove unwanted tattoos
   b) evaluating other companies’ business plans to cut wasteful spending

4. **What is the new administration order’s speed limit for electric bikes on national park trails?**
   a) 20 miles per hour
   b) 28 miles per hour
## ANSWER KEY

<table>
<thead>
<tr>
<th>Quiz</th>
<th>Answer 1</th>
<th>Answer 2</th>
<th>Answer 3</th>
<th>Answer 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explain It! quiz</td>
<td>a</td>
<td>a</td>
<td>b</td>
<td>a</td>
</tr>
<tr>
<td>Globe Trek quiz</td>
<td>a</td>
<td>b</td>
<td>a</td>
<td>b</td>
</tr>
<tr>
<td>ka-Ching! quiz</td>
<td>1. a, 2. b, 3. b, 4. b</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law ’n Order quiz</td>
<td>a</td>
<td>b</td>
<td>a</td>
<td>b</td>
</tr>
<tr>
<td>Mud Room quiz</td>
<td>b</td>
<td>a</td>
<td>a</td>
<td>b</td>
</tr>
<tr>
<td>People Mover quiz</td>
<td>a</td>
<td>b</td>
<td>a</td>
<td>b</td>
</tr>
<tr>
<td>Pie in the Sky quiz</td>
<td>a</td>
<td>a</td>
<td>b</td>
<td>b</td>
</tr>
<tr>
<td>Pop! Smart quiz</td>
<td>b</td>
<td>a</td>
<td>a</td>
<td>b</td>
</tr>
</tbody>
</table>
READER'S CHOICE

Directions: Choose a WORLDteen article of particular interest to you. Explain why you chose it, something you learned from it, and how it connects to other things you know.

Article headline: _________________________

Topic area (e.g., People Mover or Mud Room): _________________________

Why I chose this article: _________________________

An interesting fact I learned from this article: _________________________

A connection I can make between this article and something else I’ve learned about (from personal experience, school, other people, reading, etc.): _________________________
# PROBLEM SOLVER

**Directions:** Read a WORLDteen article. In the left-hand column below, note any problems or issues raised in the article. In the right-hand column, write down any solutions that were offered. Under the “My thoughts” section, include any problems or solutions that weren’t included in the article but which you think should also be considered. Finally, explain how you think any one of these problems or solutions illustrates how the Bible instructs us to live.

<table>
<thead>
<tr>
<th>Problems:</th>
<th>Solutions:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>My thoughts:</th>
<th>My thoughts:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explain how any one of these problems or solutions illustrates biblical truths about daily living.

<table>
<thead>
<tr>
<th>Explain how any one of these problems or solutions illustrates biblical truths about daily living.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Name: ____________________

Date: ____________________
PHOTO INTERPRETER

Directions: Select a photo from WORLDteen. Using complete sentences, answer the following questions about the photo.

What is happening in the photo?

What do you see in the photo that led you to your answer?

Why did the editor include this photo in the article?

Does the photo appear to be staged or unplanned? What makes you think so?

Do you think the photo is an accurate portrayal of what happened? How does the photographer’s use of camera angle, composition, lighting, or other elements help convey the meaning?

What other elements in the photo do you notice, and why?
FACT OR OPINION?

Directions: Select an article that interests you from WORLDteen. Read it carefully and then refer to it to answer the following questions.

List three facts or opinions found in the article and identify each as fact or opinion:

1. Fact or opinion?

2. Fact or opinion?

3. Fact or opinion?

When did this event take place, or does it concern a future event? Is the subject related to other past events or issues you know about? Explain.

What do you think might happen in the future as this story develops? Explain using complete sentences.
READ FOR DETAIL

Directions: Choose a WORLDteen article to read. In the left-hand column below, note any quote or other detail from the article that you think is especially important or interesting. In the right-hand column, explain what you noticed about it and if it raises any questions for you.

Interesting detail or quote from the article:

Your observations and questions:
SEE CAUSE AND EFFECT

Directions: Practice identifying the causes and effects that are related to events. Select a WORLDteen article that reports on a specific event. In the following spaces, identify three causes and three effects related to this event. If some causes and effects aren’t spelled out in the article, that’s OK. Think about and guess what some causes might be. In the same way, try to predict some effects of the event that may not be stated in the article.

Consider more than just the obvious elements in the article. Are there specific causes and effects that demonstrate biblical principles—for example, sin, judgment, grace, or forgiveness?

Event:

Cause #1: 

Cause #2: 

Cause #3: 

Effect #1: 

Effect #2: 

Effect #3: 

Name: _______________________

Date: _______________________

WORKSHEET
BEFORE AND AFTER

Title of WORLDteen article: ____________________________

Directions: Use this chart to record your thinking before, during, and after reading a WORLDteen article.

1. In the “What I know” column, list things you already know about the topic before you read the article.

2. In the “What I want to know” column, list questions that come to mind either before or while you read the article.

3. In the “What I learned” column, list facts you learned from the article. Include any answers to the questions you wrote down.

<table>
<thead>
<tr>
<th>What I know:</th>
<th>What I want to know:</th>
<th>What I learned:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SIX QUESTIONS IN AN ARTICLE

Directions: Read a WORLDteen article and look for answers to the questions that journalists use to tell a story—Who? What? When? Where? Why? How?

Headline of article:

Topic area (e.g., People Mover or Mud Room):

Who was involved?

What happened?

When did it happen?

Where did it occur?

Why did it happen?

How did it happen?

(Extra credit: How does your knowledge of the Bible and biblical principles affect how you think about or respond to this story?)
WHY IS IT NEWS?

Directions: Editors must make decisions about which articles they will publish. There are many reasons why some articles are published while others are not. Some of the most common reasons are listed below.

Choose three WORLDteen articles of particular interest to you and write their headlines below. After reading them carefully, mark an X beside each of the reasons you think that article was published.

Story headlines:

1. 

2. 

3. 

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Timeliness</strong> — news that is happening or of interest to readers right now</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Relevance</strong> — the story happened nearby or concerns local interest</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Magnitude</strong> — the story is great in size or number</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Unexpectedness</strong> — the story is unusual, or its events occurred without warning</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Impact</strong> — the news will affect a large number of readers</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Application</strong> — the news gives Christians an opportunity to consider how to apply faith principles to real life events</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reference to someone</strong> — the news is about a prominent person or personality</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oddity</strong> — the story is about a unique or unusual situation</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Conflict</strong> — the story presents a major struggle in the news</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Negative</strong> — the story tells bad news that may have more interest than good news</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Continuity</strong> — the report is a follow-up or continuation to a story that has been in the news</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Emotions</strong> — the news offers an emotional angle that increases interest in a story</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Progress</strong> — the news reveals hope, new achievement, new improvements</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>