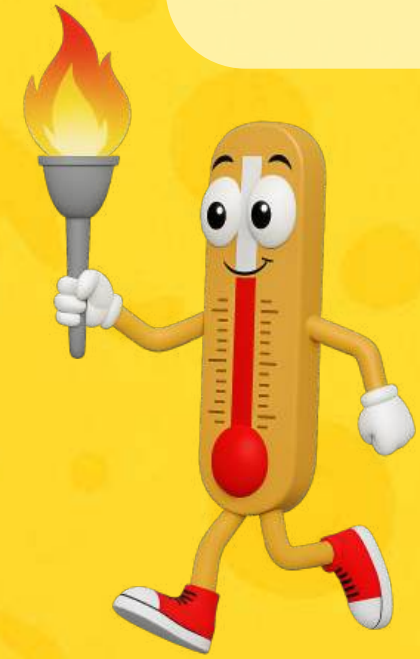
IT'S THE KIDS PRESENTS

LA28 OLYMPICS INVESTIGATION

Brain Challenges • Creative Projects
Explorations • Real-World Connections
Parent Involvement
Community Partnerships



By Barbara Barnes

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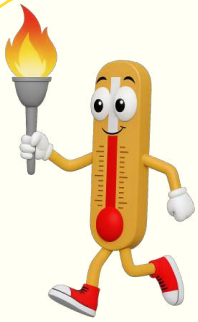
WELCOME

Hi friends—I'm Bulb, your guide!

The 2028 Summer Olympics are coming to Los Angeles—and we have questions! Where will the events take place? How does the city prepare? What do athletes, artists, engineers, and communities do to make the Games possible? This Investigation Kit invites you to explore these big questions—all with the help of our awesome team of characters:



Temp - Weather

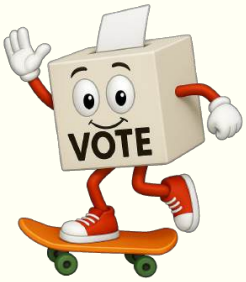
Temp is all about weather—find out how sun, wind, and climate affect the athletes.

Coin - Economics

Coin keeps an eye on money, jobs, and how business powers the Games.

Drop - Water

Drop knows everything about water—from swimming events to sustainability.



Vote - Government

Vote will show how government, policy, and elections influence hosting the 2028 Los Angeles Olympic Games!

Map - Travel

Map loves how Olympic Games connect people from all over the world—and how travel, culture, and geography shape LA28!

Brush - Art

Brush loves art and color—he'll show you how Olympic design and creativity shine through murals, medals, and more.

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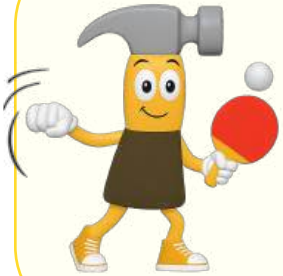
Doc - Health

Doc keeps athletes healthy and strong—discover what it takes to stay fit and safe.

Stump - Land

Stump is all about land—learn how development and environment shape the 2028 LA Olympic Games!



Build - Design & Build

Build is our hands-on designer—get ready to explore how stadiums, venues, and Olympic villages are created.

Text - Technology

Vote will show how government, policy, and elections influence the 2028 LA Olympic Games!

Ball - Sports

Ball is our sports superstar—join in to play, move, and cheer on your favorite teams!

Bulb - Energy

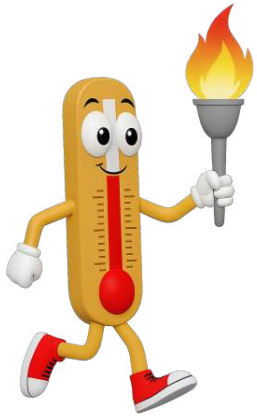
And me, Bulb! I'm about energy and how the LA28 Games are powered, from stadium lights to sustainable choices!

How to Use This Kit:

🔎 Each section focuses on a different theme or topic—just look for the matching character!
🧠 You'll find questions to think about, challenges to explore, and even math and map fun.
📝 Some pages ask you to create something, do a project, or share your ideas with others.
✅ At the end of the kit is an Assessment Page—utilize these categories to guide your investigation.

You don't have to do the pages in order—go at your own pace and have fun! Whether you're at home, in school, or with your community, you're now part of the LA28 journey.

Ready to explore? Let's light the torch and begin!



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PARTNERS

How Partners Can Help with ITK LA28 Olympics Investigations

The LA28 Olympics are about more than just sports—they're a chance to explore big ideas, build community, and inspire the next generation. That's where Partners come in!

💡 Why Partners Matter

When kids connect with real people doing real work, their learning becomes deeper, richer, and more meaningful.

Partners help kids:

- Ask better questions
- Explore real-world tools and ideas
- See how learning shows up in jobs, neighborhoods, and Olympic events
- Imagine futures they didn't even know were possible

Workshops, field trips, expert chats, and even simple supplies can spark curiosity and confidence in powerful ways.

🌍 Why It's Great for Partners Too

Partnering with It's the Kids! and our schools/libraries/community programs is a chance to:

- Inspire the next generation
- Share your mission, products, services with curious learners and educators
- Build goodwill in your community
- Celebrate your connection to the LA28 Olympic spirit

Whether you represent a small business, global company, nonprofit, civic agency, or creative team, your participation matters—and makes an impact.

Suggestions for Partners by topic area:

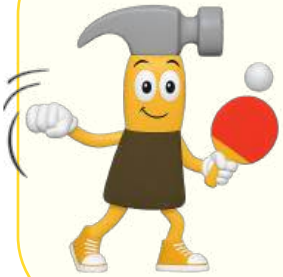
PARTNERS

Health

Hospitals, fitness centers, nutritionists, mental health professionals, Red Cross, sports medicine clinics

Land

City planning departments, parks & recreation, native plant organizations, urban gardening groups, National Park Service, land trusts



Design & Build

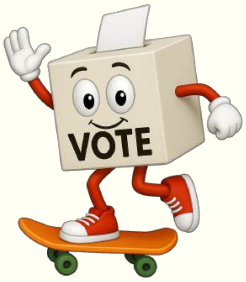
Architecture firms, construction companies, engineering schools, local hardware stores, maker spaces, LEGO clubs

Tech & Media

Journalists, broadcasters, podcast creators, social media experts, media literacy orgs, newspaper publishers

Water

Water utility companies, public health agencies, ocean conservancies, swim clubs, surfing instructors, beach clean-up groups



Government

Local government offices, youth civic engagement nonprofits, city councils, voting outreach campaigns, mock election organizers

Travel

Travel agencies, cultural exchange programs, consulates, international student groups, geography departments

Art

Local artists, museums, muralists, art teachers, cultural centers, design studios, art supply shops

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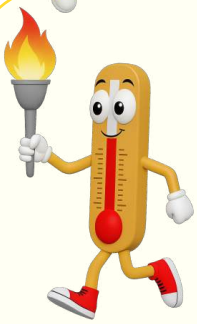
PARTNERS



Weather

Meteorologists, TV weather anchors, climate scientists, weather app developers, NASA/JPL, environmental educators

Economics

Credit unions, financial literacy programs, economic development boards, small business owners, entrepreneurship orgs

Sports

Youth sports leagues, Olympians, PE teachers, local teams, coaches, fitness brands, sports medicine pros

Energy

Utility providers, solar energy companies, science centers, engineers, clean energy startups, city sustainability offices

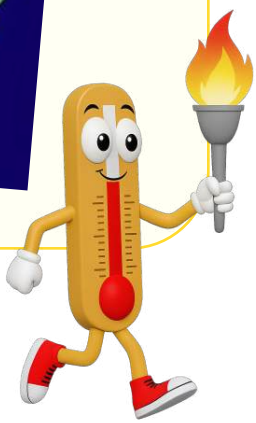
📘 Want to Learn More?

Download our FREE guide, "The Power of Partnerships," at 👉 itsthekids.net

It's full of ideas, examples, and inspiration for becoming a Partner.

Let's help kids explore the LA28 Olympics—and their own potential—together.

A list of some of our Partners can be found at the end of this Kit, and the full list is on our website 👉 itsthekids.net



WATER

Explore how water plays a big role in the 2028 Los Angeles Olympic Games!

🧠 Think About It

- What Olympic sports take place in water?
- Where in LA will the water events happen?
- How do Olympic athletes stay safe and hydrated?
- Why is water important for both sports and daily life?
- How can we help save water during big events like the Olympics?

🌍 Map & Math Time

Use a map of LA or California to find and label these Olympic venues:

- Long Beach
- Venice Beach
- San Pedro
- Trestles Beach

Olympic swimming pools hold about 660,000 gallons of water!
Can you estimate how many bathtubs that is? (Hint: One tub = 80 gallons)

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WATER

Explore how water plays a big role in the 2028 Los Angeles Olympic Games!

🧪 Science Fun

- How do athletes use water to stay strong and healthy?
- What kinds of water treatment are needed for safe pools and drinking water?
- What does “clean water access” mean, and why is it important—during the Olympics and every day?

🎨 Create & Explore

- Design your own Olympic water sport or event—what are the rules and goals?
- Create a poster showing how to stay hydrated and safe during summer sports.
- Write a story about an athlete competing in a water-based event at LA28.
- Present a project/art piece about how water connects people around the world.

📝 Investigate & Present

Pick a water sport or Olympic venue that uses water. Then:

- Research how water is used during the Games
- Learn about a job or career that helps manage water for sports or cities
- Share your findings with a poster, slideshow, or report

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WATER

Explore how water plays a big role in the 2028 Los Angeles Olympic Games!

🥇 Olympic Water Challenges

- Interview a lifeguard, swim coach, or water safety expert.
- Start a “Save Water at School” campaign.
- Explore water-related careers like marine biologist, pool technician, environmental engineer, or hydration specialist.

✅ BONUS CHALLENGE!

Find out how to say “water” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

What are some interesting things you learned about water and the Olympics?
How can events like LA28 inspire smart and sustainable water use in everyday life?

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LAND

Explore how land, development, and environment shape the 2028 Los Angeles Olympic Games!

🧠 Think About It

- What Olympic sports take place on land?
- Where in LA will these land-based events happen?
- How does LA28 reuse land and buildings to save money and resources?
- What happens to Olympic land and venues after the Games?
- How do construction and land use affect neighborhoods and the environment?

🌍 Map & Math Time

Use a map of LA to find and label these Olympic venues:

- LA Memorial Coliseum
- SoFi Stadium
- Sepulveda Basin
- UCLA & USC Campuses
- LA Convention Center

The Olympic Village will take up about 298 acres of land.
👉 Can you calculate how many football fields would fit into the Olympic Village? Hint: One football field = 1.32 acres.

LAND

Explore how land, development, and environment shape the 2028 Los Angeles Olympic Games!

🧪 Science Fun

- Investigate how trees, plants, and green spaces affect city temperature.
- Learn how builders test land before building on it.
- How do cities protect land and nature while building big venues?
- What makes a piece of land good for sports and crowds?

🎨 Create & Explore

- Make a poster showing how land is reused or restored after the Games.
- Design your own Olympic park! Where would it be? What would it include?
- Write a short story about a kid visiting an Olympic venue built on historic land.
- Present your land-use plan or drawing to your class or family.

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LAND

Explore how land, development, and environment shape the 2028 Los Angeles Olympic Games!

🥇 Olympic Land Challenges

- Plan a walking tour of Olympic venues using public land or parks.
- Create a “Protect Our Parks” campaign for your school.
- Explore land-based careers such as urban planners, architects, civil engineers, and geologists.
- Interview someone who works in construction, parks, or city planning.

✅ BONUS CHALLENGE!

Find out how to say “land” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What are some interesting things you learned about land and the Olympics?
- How can cities use land wisely when hosting a big event like LA28?

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TRAVEL

Explore how the Olympic Games connect people from all over the world—and how travel, culture, and geography shape LA28!

🧠 Think About It

- How many countries send athletes to the Olympics?
- Why do the Olympics move from one city and country to the next?
- How does LA prepare for visitors from all over the world?
- What are cultural differences fans and athletes might notice?
- What are some benefits and challenges of global travel?

🌍 Map & Math Time

- Find LA on a world map. Then mark 10 countries sending athletes to LA28.
- Estimate the distance each athlete travels to get to LA.
- Graph your data and compare longest vs. shortest trips.
- Calculate how long a plane ride might take from each location.

TRAVEL

Explore how the Olympic Games connect people from all over the world—and how travel, culture, and geography shape LA28!

🔬 Global Cultures & Communication

- Learn how Olympic athletes and fans communicate in different languages.
- Explore cultural customs around food, greetings, and clothing.
- How do translation services and signs help at a global event?
- Discover how global teams use social media to stay connected.

🎨 Create & Explore

- Design a welcome poster in multiple languages for Olympic visitors.
- Create a travel guide for one Olympic country or your own community.
- Write a story about an athlete discovering LA for the first time.
- Present a slideshow or poster about a different culture's Olympic traditions.

TRAVEL

Explore how the Olympic Games connect people from all over the world—and how travel, culture, and geography shape LA28!

🥇 Olympic Travel Challenges

- Interview someone who has visited another country or hosted a traveler.
- Create a “Global Welcome” station or project at your school.
- Explore careers in travel, translation, international relations, or event hospitality.

✅ BONUS CHALLENGE!

Find out how to say “world” or “travel” in at least 5 different languages. Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What’s one thing you learned about another country or culture?
- How can the Olympics help people feel more connected across the world?

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SPORTS

Explore how sports bring people together at the 2028 Los Angeles Olympic Games— and how movement, competition, and physical fitness fuel the Olympic spirit!

💧 Think About It

- How many Olympic sports will be featured in LA28?
- What are some new or returning sports for 2028?
- How do athletes train for peak performance?
- What's the difference between team and individual events?
- Why do people from all over the world watch and play sports?

🌍 Map & Math Time

- Use a map to locate key Olympic venues in LA (e.g., SoFi Stadium, UCLA, Crypto.com Arena).
- Chart which sports are hosted in each venue.
- Graph medal counts by sport, country, or gender (use real or sample data).
- Estimate time or distance in track, swimming, or cycling events—then compare!

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SPORTS

Explore how sports bring people together at the 2028 Los Angeles Olympic Games— and how movement, competition, and physical fitness fuel the Olympic spirit!

🔬 Science + Fitness

- Explore how the human body performs in different sports.
- What muscles are used in gymnastics, sprinting, and swimming?
- Learn how prosthetics and adaptive equipment make sports more inclusive.
- Discover the tech used in training: slow-mo replays, fitness trackers, VR simulators.

🎨 Create & Explore

- Design your own Olympic sport—include rules, gear, and scoring.
- Create a mini-brochure or comic about your favorite athlete or sport.
- Write a sports column reporting on a big Olympic moment.
- Present a “Sports Showcase” about the origins of one Olympic event.

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SPORTS

Explore how sports bring people together at the 2028 Los Angeles Olympic Games— and how movement, competition, and physical fitness fuel the Olympic spirit!

🥇 Olympic Sports Challenges

- Interview a coach, PE teacher, or athlete about their journey.
- Host a mini-Olympics day at school or in your neighborhood.
- Explore careers in sports medicine, journalism, coaching, or athletic design.

✅ BONUS CHALLENGE

Find out how to say “sport” or “athlete” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What’s one new sport you learned about through the Olympics?
- How can playing or watching sports help people feel inspired and connected?

ECONOMICS

Explore how money, jobs, and business shape the 2028 Los Angeles Olympic Games!

🧠 Think About It

- How much money does it take to host the Olympics?
- Who pays for the Olympics—and how do they make the money back?
- What are some ways the Olympics help local businesses?
- How are tickets, food, gear, and souvenirs priced?
- What jobs are created before, during, and after the Games?

🌍 Map & Math Time

Choose three Olympic venues in LA. Then:
- Estimate how many people can attend events at each one.
- If tickets cost $40 each, how much money could each venue make per event?
- Graph your estimates to compare total earnings.

Bonus: Research how much it costs to build or upgrade a stadium!

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ECONOMICS

Explore how money, jobs, and business shape the 2028 Los Angeles Olympic Games!

🔬 Business & Budgeting

- What does it mean to budget, and why is it important for a big event?
- How do prices for food and items change during big events?
- What role does advertising play in the Olympics?
- Learn how technology helps track spending and earning in real time.

🎨 Create & Explore

- Make a pretend business you could run at the Olympics (e.g., smoothie stand, sportswear booth).
- Design a price list, logo, and sales pitch.
- Write a short ad or commercial for your Olympic business.
- Present your plan or pitch to classmates or family.

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ECONOMICS

Explore how money, jobs, and business shape the 2028 Los Angeles Olympic Games!

🥇 Olympic Economics Challenges

- Create a “Support Local” campaign to encourage Olympic visitors to shop in LA neighborhoods.
- Interview a small business owner about how big events affect them.
- Explore Olympic-related jobs: ticket agent, vendor, accountant, broadcaster, athlete manager.

✅ BONUS CHALLENGE!

Find out how to say “money” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What surprised you most about how the Olympics are funded?
- How can the Olympics help people earn and spend money in smart ways?

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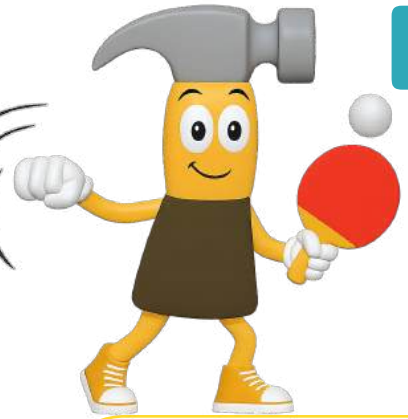


DESIGN & BUILD

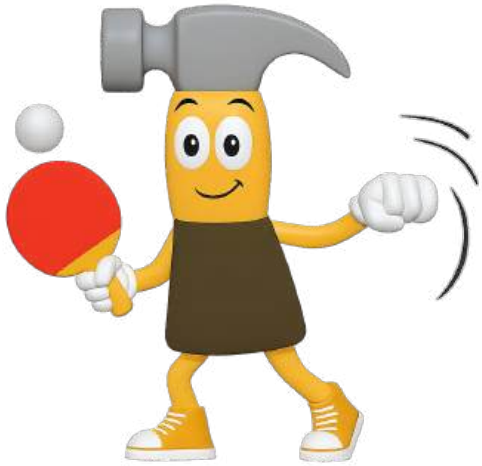
Explore how buildings, stadiums, and Olympic spaces are designed and constructed for the 2028 Los Angeles Olympic Games!

🧠 Think About It

- Who designs and builds Olympic venues?
- What are the steps to creating a stadium or sports park?
- How do engineers make buildings safe, strong, and fun?
- What happens to Olympic buildings after the Games?
- How can building projects be more sustainable or eco-friendly?

🌍 Map & Math Time

- Find and label Olympic construction zones or new venues in LA (e.g., Sepulveda Basin, UCLA Village).
- Use a ruler and map scale to estimate how far apart these locations are.
- Calculate the area (in square feet or meters) of an Olympic swimming pool, golf course, and basketball court.
- Compare dimensions of multiple venues.



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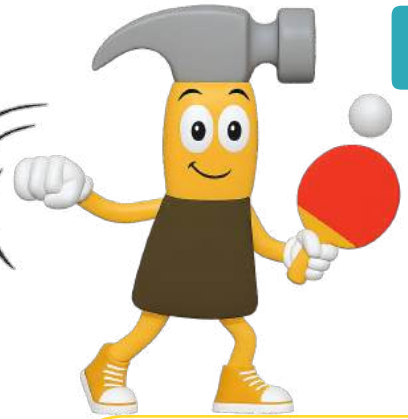


DESIGN & BUILD

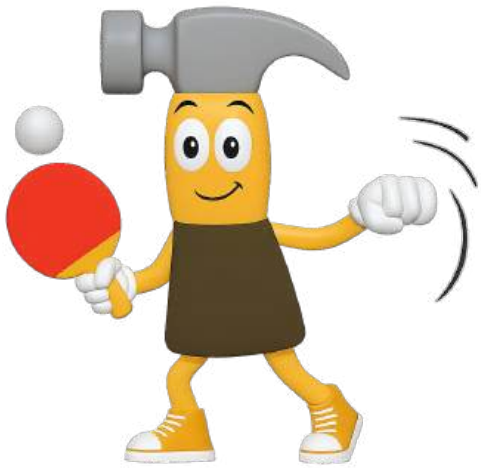
Explore how buildings, stadiums, and Olympic spaces are designed and constructed for the 2028 Los Angeles Olympic Games!

🔬 Science + Engineering

- Explore what makes structures earthquake-safe in LA.
- Learn about materials used in Olympic buildings: steel, glass, concrete, wood.
- How are buildings designed to be accessible for everyone?
- What tools and machines do builders use during Olympic construction?

🎨 Create & Explore

- Design your own Olympic stadium or athlete village.
- Draw a floor plan or 3D model of a venue.
- Write a story or article about the challenges of building for the Olympics.
- Present your design to your class, family, or a local architect!



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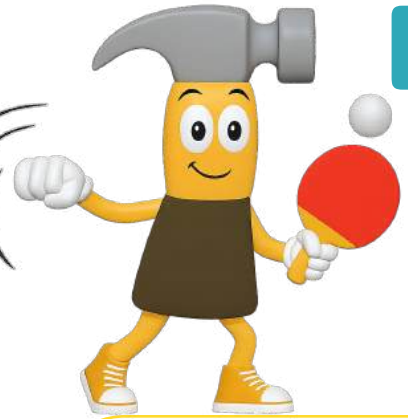


DESIGN & BUILD

Explore how buildings, stadiums, and Olympic spaces are designed and constructed for the 2028 Los Angeles Olympic Games!

🥇 Olympic Design Challenges

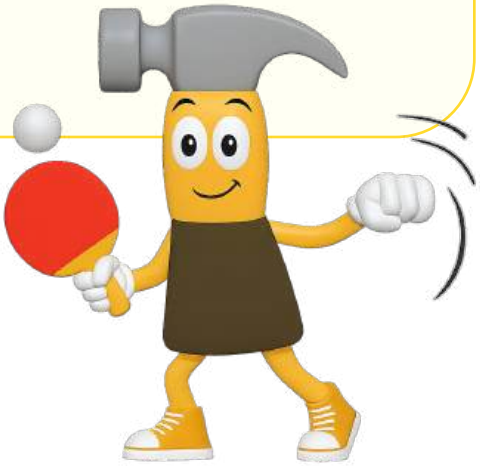
- Interview someone in design, construction, or engineering.
- Create a “Build for All” campaign highlighting accessible spaces.
- Explore careers like architect, civil engineer, landscape designer, or city planner.

✅ BONUS CHALLENGE!

Find out how to say “build” or “design” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What surprised you most about how Olympic structures are made?
- How can the Olympic Games inspire better buildings in our communities?



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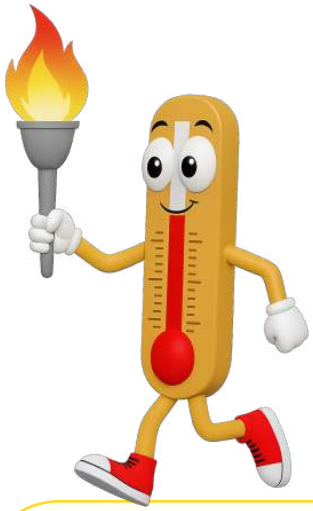


WEATHER

Explore how weather and climate play a big role in the LA28 Olympic Games!

💧 Think About It

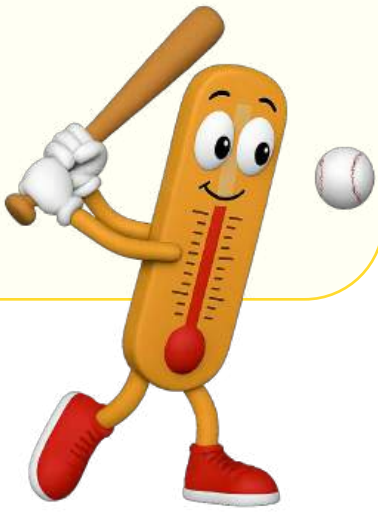
- What kinds of weather can athletes and fans expect during LA28?
- How does heat affect athletes, especially in outdoor events?
- What weather risks could impact the Games (e.g., wildfire smoke, heatwaves)?
- How does LA prepare for extreme weather events?
- How does climate relate to where and when events are scheduled?

🌍 Map & Math Time

Find these LA28 outdoor venues on a map:

- Venice Beach
- Sepulveda Basin
- Dignity Health Sports Park
- Griffith Park (equestrian events)

Then:
- Look up the average July temperature at each location.
- Graph those temperatures and compare hot vs. cooler zones.
- How might weather affect the kind of sports held there?



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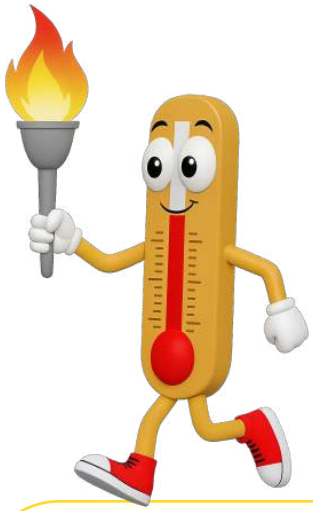


WEATHER

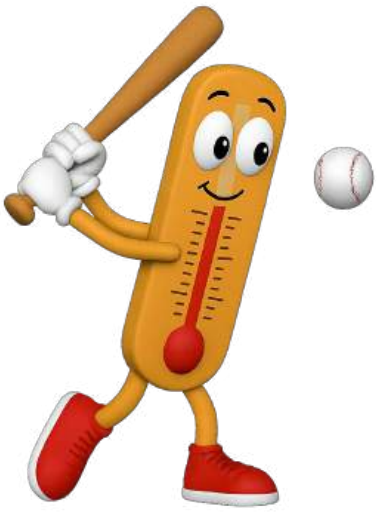
Explore how weather and climate play a big role in the LA28 Olympic Games!

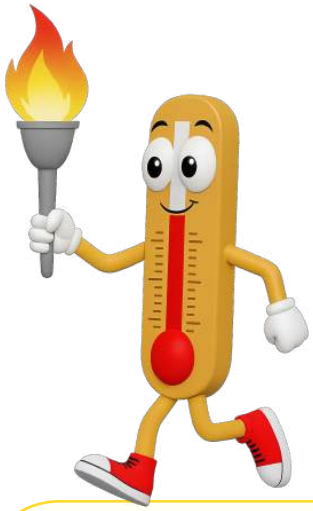
🔬 Weather & Climate Science

- Learn how meteorologists forecast weather and warn about heat or storms.
- Explore how temperature, wind, humidity affect sports like surfing, archery, or track.
- Discover how Olympic planners use weather data to protect athletes and fans.
- What is a microclimate, and how does it affect different LA neighborhoods?

🎨 Create & Explore

- Design your own Olympic weather alert app. What would it track?
- Create a mini-poster about weather safety tips for outdoor spectators.
- Write a story about an athlete competing during an LA heatwave.
- Present your weather forecast or report to your class or family.





WEATHER

Explore how weather and climate play a big role in the LA28 Olympic Games!

🏅 Olympic Weather Challenges

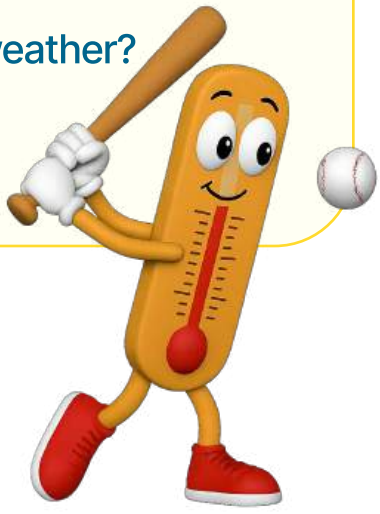
- Build your own “shade zone” at school or in your backyard.
- Interview a coach or athlete about how they train in different weather.
- Explore weather-related careers: meteorologist, climate scientist, event safety planner.

✅ BONUS CHALLENGE!

Find out how to say “weather” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What surprised you most about how the Olympics deal with weather?
- How do you think LA28 can model safety and smart choices in hot weather?



ITSTHEKIDS.NET

ART

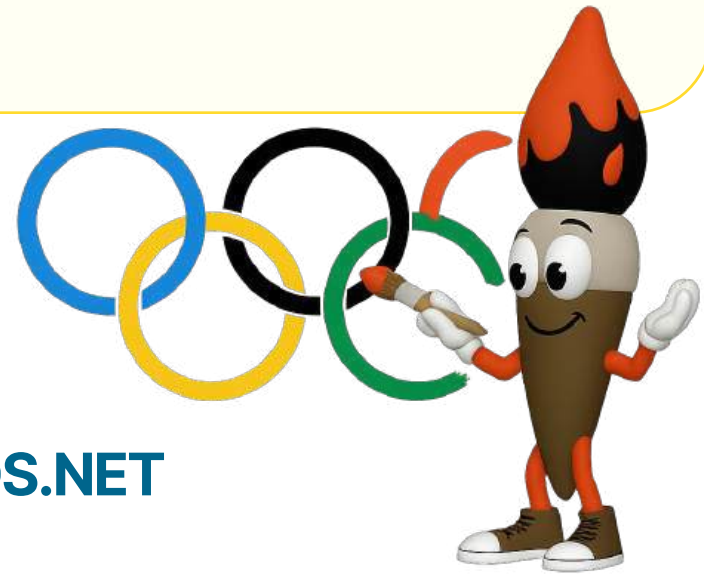
Explore how art and creativity shape the LA28 Olympic Games—from mascots and logos to murals and medals!

🧠 Think About It

- What kinds of art do you see at the Olympics (e.g., mascots, posters, ceremonies)?
- Who designs the medals, uniforms, logos, and signage for the Games?
- How does LA's local art and culture influence the design of LA28?
- How are different cultures represented through Olympic art?
- What are some connections between sports and creativity?

📊 Map & Math Time

- Use a map of LA to locate neighborhoods known for murals or street art.
- Estimate how many art installations could fit around a stadium if one is placed every 20 feet.
- Make a chart showing different types of Olympic art (e.g., posters, flags, logos, ceremonies).



ART

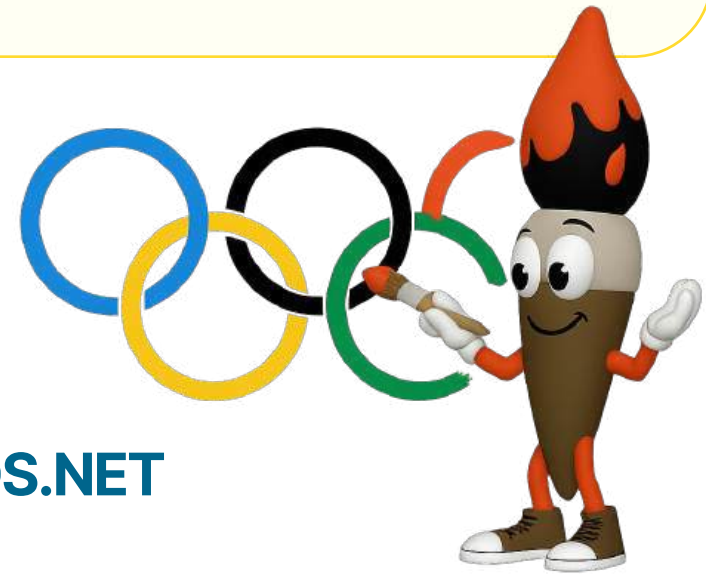
Explore how art and creativity shape the LA28 Olympic Games—from mascots and logos to murals and medals!

🔬 Science + Materials

- What materials are used to make Olympic medals, torches, and uniforms?
- How will lighting and projection technologies turn buildings into art during the LA28 Games?
- What makes a mural or structure weather-resistant in outdoor spaces?
- Learn how digital tools are used by Olympic designers.

🎨 Create & Explore

- Design your own Olympic mascot or medal.
- Create a mini-poster for LA28 using themes of unity, movement, and joy.
- Write a story or comic where an artist prepares work for the Olympic Opening Ceremony.
- Present your art or story to your class, family, or community.



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ART

Explore how art and creativity shape the LA28 Olympic Games—from mascots and logos to murals and medals!

🏅 Olympic Art Challenges

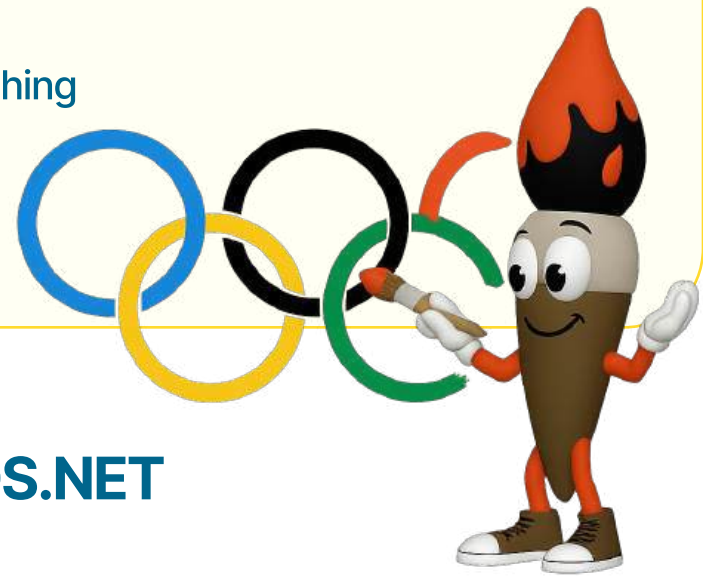
- Interview a local artist, designer, or costume maker about their creative process.
- Organize a school or neighborhood Olympic Art Show.
- Explore careers in art direction, set design, graphic design, fashion, or sculpture.

✅ BONUS CHALLENGE!

Find out how to say “art” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What was the most exciting or surprising thing you learned about Olympic art?
- How does art help bring people together at big events like the Olympics?



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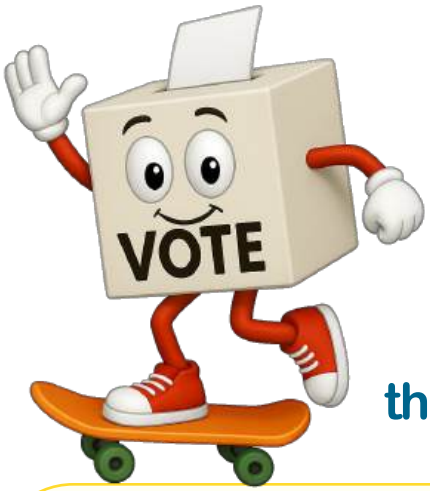


ELECTIONS & GOVERNMENT

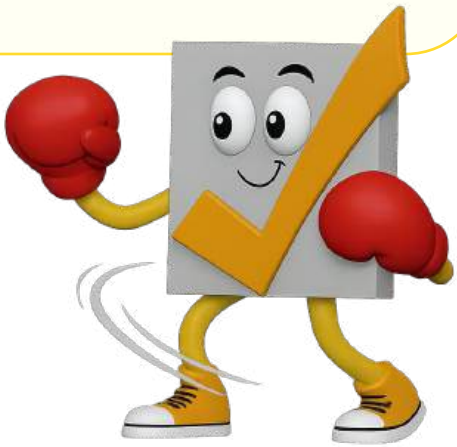
Explore how government, policy, and elections influence hosting the 2028 Los Angeles Olympic Games!

🧠 Think About It

- Which gov't levels (city, county, state, federal) get involved in the Olympics?
- What laws and policies help fund infrastructure, security, and transportation?
- How do elections and political leaders affect planning and public support?
- What safety and civic rights issues (e.g. security designation, visas) are connected to government decisions?
- Who makes decisions about budgets, permits, and regulations for LA28?

🌍 Map & Math Time

- Identify structures and zones regulated by government: city council ad-hoc committees, county initiatives, federal security zones.
- Estimate population local to Olympic zones.
How many voters might be affected by policy changes?
- Calculate how much funding comes from federal vs. local sources (e.g., $900 M transit + $1 B security funding).



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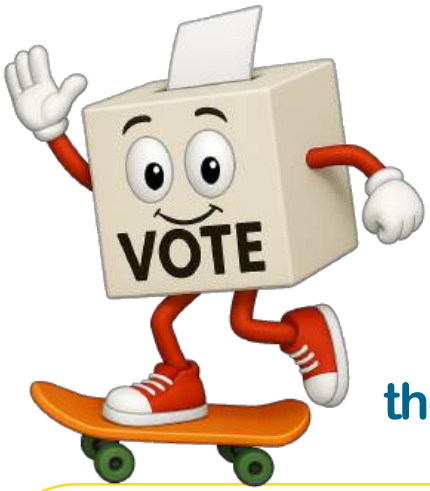


ELECTIONS & GOVERNMENT

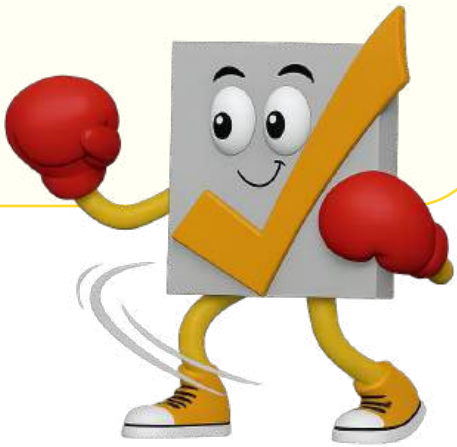
Explore how government, policy, and elections influence hosting the 2028 Los Angeles Olympic Games!

🔬 Civic Science

- Investigate the National Special Security Event (NSSE) designation and its powers over policing and federal agencies.
- Learn how visa and immigration policies affect athletes and fans.
- Examine how city and county charters or ballot measures (e.g., LA County Measure G) could shape Olympic legacy governance.
- Explore transparency, public hearings, and community engagement in planning large events.

🎨 Create & Explore

- Draft your own “City Council proposal” outlining how LA28 should use city funds or protect residents’ rights.
- Write a script simulating a public hearing about Olympic-related laws.
- Design an infographic that shows the flow of government funding and decision-making for LA28.
- Present a short report on one government role (e.g. Homeland Security, Mayor’s Office, LA County Supervisor) and how it supports LA28.



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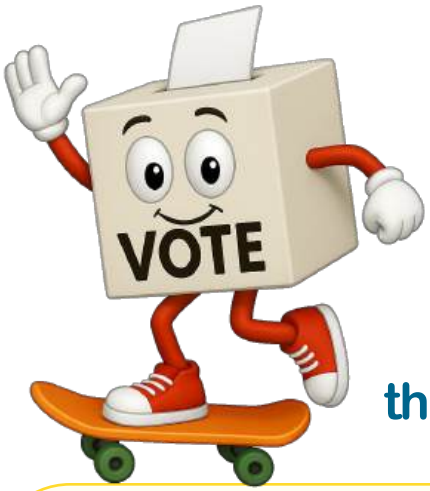


ELECTIONS & GOVERNMENT

Explore how government, policy, and elections influence hosting the 2028 Los Angeles Olympic Games!

🥇 Olympic Government Challenges

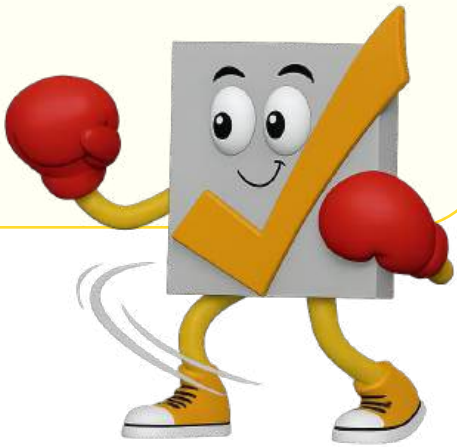
- Interview a local elected official or civic employee about their involvement in the Olympics.
- Explore careers in public policy, urban planning, homeland security, public outreach, or international affairs.

✅ BONUS CHALLENGE!

Find out how to say “democracy,” “vote,” or “government” in at least 5 languages. Use one in a sentence!

🏁 Wrap-Up Reflection

- What surprised you about how governments support or regulate the Olympics?
- What would be your top recommendation for making LA28 fair, transparent, and inclusive?



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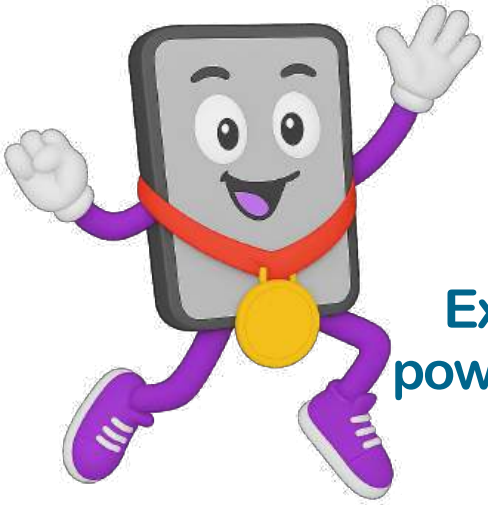


TECH

Explore how technology helps power, score, stream, and support the LA28 Olympic Games!

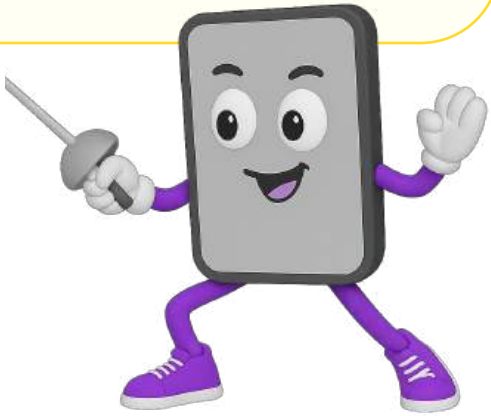
🧠 Think About It

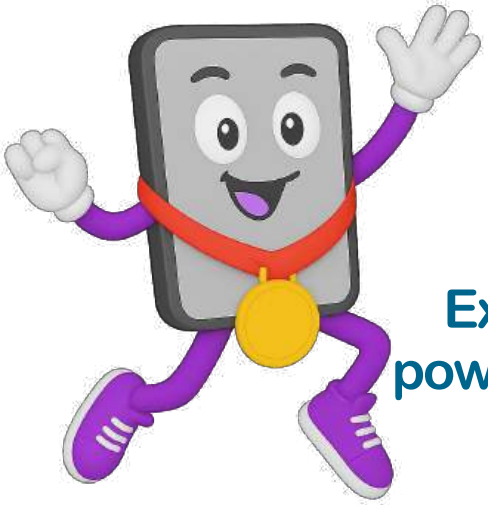
- What technologies help athletes train, perform, and recover?
- How do Olympic officials use tech to track times, scores, and replays?
- What technologies are used for broadcasting the Games around the world?
- How does LA28 plan to use tech to improve safety, security, and sustainability?
- How has Olympic technology changed from 1896 to today?

🌍 Map & Math Time

Pick 3 Olympic sports that rely on technology for scoring or timing (e.g., swimming, gymnastics, track).

- Find and compare winning times or scores for each sport from 3 past Olympics.
- Graph the changes. What might explain the improvements?
- Bonus: Can you calculate how much time was “shaved off” thanks to tech advancements?





TECH

Explore how technology helps power, score, stream, and support the LA28 Olympic Games!

🔬 Science + Innovation

- Investigate wearable tech like smartwatches, motion sensors, or GPS trackers used in training.
- Learn how instant replay and slow-motion video work in Olympic events.
- What kinds of tech protect athletes' health and monitor safety at venues?
- Explore how climate and air quality sensors might be used during LA28.

🎨 Create & Explore

- Design your own Olympic scoring or timing device.
- Create a new wearable tech idea for an athlete or coach.
- Write a news report about a new Olympic technology being introduced at LA28.
- Present a slideshow or video showing how tech has changed the Olympics over time.

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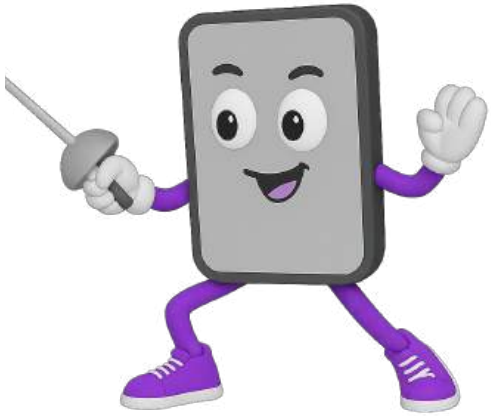
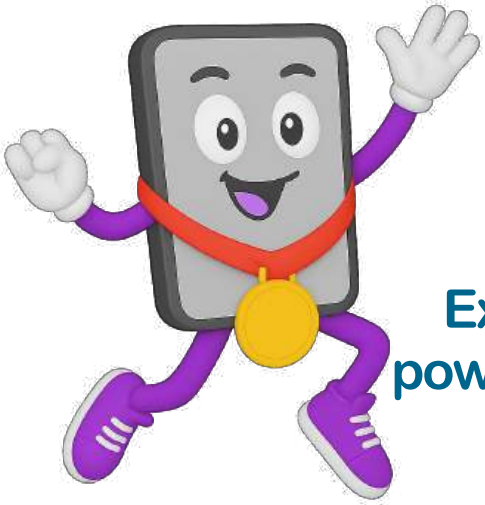




TECH

Explore how technology helps power, score, stream, and support the LA28 Olympic Games!

🥇 Olympic Technology Challenges

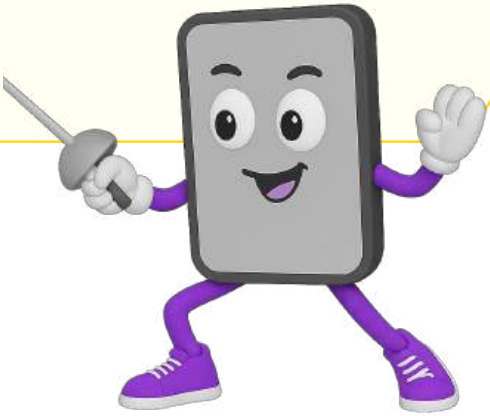
- Interview someone who works with tech (e.g., IT, broadcasting, engineering).
- Host a “Tech & Sports” showcase at your school or library.
- Explore Olympic careers: data analyst, sports engineer, broadcast producer, wearable tech designer.

✅ BONUS CHALLENGE!

Find out how to say “technology” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What was the coolest technology you learned about?
- How can technology help make the Olympic Games more fair, fun, and safe?



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HEALTH

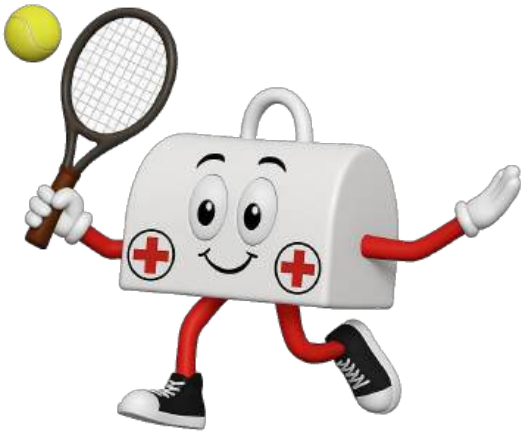
Explore how health, fitness, and safety play huge roles in the 2028 LA Olympic Games— for athletes, fans, and communities!

🧠 Think About It

- How do Olympic athletes stay strong, fit, and healthy?
- What kinds of health professionals help athletes train and recover?
- How does LA28 plan to keep fans and staff safe during the Games?
- What are some public health challenges in hosting a global event?
- How does food, hydration, and rest impact Olympic performance?

🌍 Map & Math Time

- Map out the locations of LA28 medical hubs or major hospitals.
- Estimate how many people need medical care during the Games each day.
- Track hydration needs: if each athlete drinks 3 liters of water a day, how much is needed for 5,000 athletes?
- Graph different types of Olympic injuries by sport (do research and estimates).



HEALTH

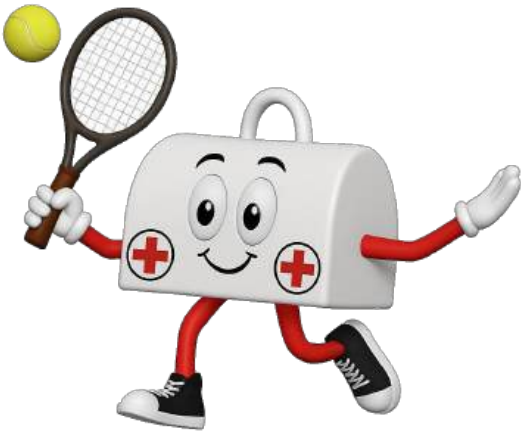
Explore how health, fitness, and safety play huge roles in the 2028 LA Olympic Games—for athletes, fans, and communities!

🔬 Science + Wellness

- Learn about how muscles, bones, and joints are used in Olympic sports.
- Explore how mental health is supported for athletes during high-pressure events.
- What safety gear or medical tech is used to protect athletes?
- What's in a first-aid kit at a big event like the Olympics?

🎨 Create & Explore

- Design a wellness center for Olympic athletes.
- Make a healthy eating plan for one week of Olympic training.
- Write a short story about a sports doctor, trainer, or nurse at LA28.
- Present a health tip video or poster for staying safe at big events.



HEALTH

Explore how health, fitness, and safety play huge roles in the 2028 LA Olympic Games—for athletes, fans, and communities!

🥇 Olympic Health Challenges

- Interview a nurse, trainer, or therapist about their work.
- Start a health & fitness challenge at your school.
- Explore careers in sports medicine, athletic training, nutrition, or mental health support.

✅ BONUS CHALLENGE!

Find out how to say “health” in at least 5 different languages. Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What’s one new thing you learned about health in the Olympics?
- How can LA28 inspire healthy habits in kids and families everywhere?

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ENERGY

Explore how energy powers the LA28 Games, from stadium lights to sustainable choices!

🧠 Think About It

- What kinds of energy are used during the Olympic Games?
- How do venues stay cool, lit, and powered during big events?
- What is renewable energy, and why is it important for LA28?
- What are LA28's goals for using clean or green energy?
- How can energy choices affect people, costs, and the planet?

🌍 Map & Math Time

Find 3 Olympic venues and research:
- How much energy (in kilowatt-hours) it takes to power each for one day.
- What kind of energy (solar, electric, natural gas, etc.) they use.
- Graph the types of energy used and compare clean vs. non-renewable sources.

Bonus: Estimate the energy savings if a venue switches to solar panels.

ENERGY

Explore how energy powers the LA28 Games, from stadium lights to sustainable choices!

🔬 Science + Sustainability

- Learn how solar panels and wind turbines make electricity.
- Explore what a “carbon footprint” means—and how events like the Olympics reduce theirs.
- How does lighting, sound, and air conditioning work in giant stadiums?
- What happens to leftover energy, waste, or water after a big event?

🎨 Create & Explore

- Design your own energy-efficient Olympic stadium.
- Make a mini-poster about clean energy goals for LA28.
- Write a story or comic where an energy blackout affects a sporting event.
- Present your plan for saving energy at your school or local sports venue.

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ENERGY

Explore how energy powers the LA28 Games, from stadium lights to sustainable choices!

🏅 Olympic Energy Challenges

- Interview someone who works in energy or sustainability.
- Start a “Turn Off the Lights” challenge at school or home.
- Explore energy careers: sustainability manager, green engineer, solar panel installer, or lighting technician.

✅ BONUS CHALLENGE!

Find out how to say “energy” in at least 5 different languages.
Can you use one in a sentence?

🏁 Wrap-Up Reflection

- What are some interesting things you learned about Olympic energy?
- What are some ways LA28 could be a model for energy-smart cities?

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ASSESSMENT

JUDGING MATRIX for STUDENT WORK

INDIVIDUAL STUDENT or TEAM LEADER _____

Additional Students: _____

LEARNING LEADER / TEACHER _____

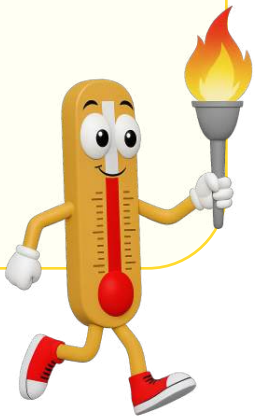
BUSINESS / COMMUNITY PARTNERS _____

INVESTIGATION NAME _____

Rank student work **2 4 6 8 10** in each category

- [ ] **READING:** Vocabulary, Internet, Books, Newspapers, Articles, Ads, Corporate Reports
- [ ] **MATH:** Calculate, Compare, Measure, Numbers, Data, Percentages, Accounting, Economics, Budgets
- [ ] **MAPS / GRAPHS / CHARTS:** Timelines, Graphs, Diagrams, Infographics, Venue Maps, Population Data, Climate Charts, Schedules
- [ ] **SCIENCE:** Evaluate, Design, Protect, Invent, Experiment, Compare/Contrast, Conserve
- [ ] **SOCIAL STUDIES:** Local/Global Perspective, Laws, History, Geography, Maps
- [ ] **CREATIVE EXPRESSION:** Design, Models, Graphics, Logos, Marketing Materials
- [ ] **TECHNOLOGY:** Computer Designs, Videos, Engineering Concepts, Robotics, Software
- [ ] **SERVICE:** Improve Conditions: Individuals, Home, School, Community, State, Country
- [ ] **REPORT / PRESENTATION:** Written Reports, Oral Presentations, Posters, Videos, Scripts, Infographics, Interviews
- [ ] **PARTNER RANK:** Final Presentation

NUMERIC EVALUATION _____



CERTIFICATE of COMPETENCY

PRESENTED TO

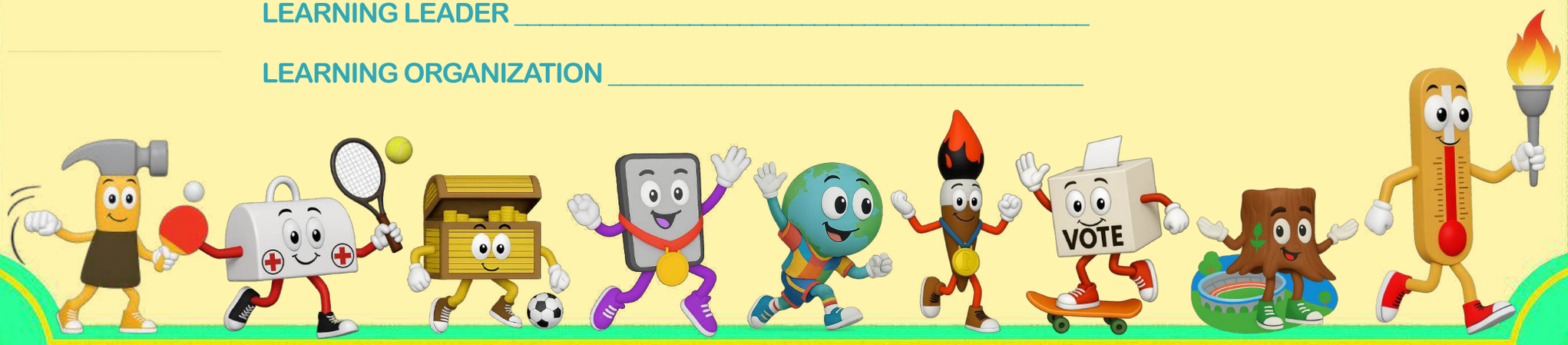
_____

for

LA28 OLYMPICS INVESTIGATION

LEARNING LEADER _____

LEARNING ORGANIZATION _____



OUR PARTNERS

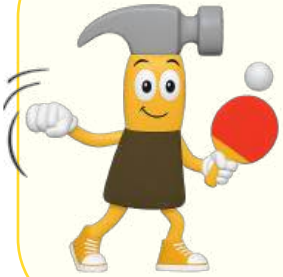
These organizations provided real-world content, current information, skills needed for employment, training, and financial support.

Water

Tennessee Valley Authority
Metropolitan Water District
Tennessee Aquarium
South Coast Water District

Economics

JJ Wenrich – Teaching Kids to Buy Stocks
Trader Joe's
Union Bank
Schools First Federal Credit Union



Design & Build

La Palita
GKK Architects
Manufacturers Association

Tech & Media

Apple
Toshiba
IBM
NBC
Royal Mail UK
HYPE – Global Youth Summit

Health

Medtronics
San Clemente Veterinarians
Local Doctors & Dentists

Land

Nature Conservancy
Farm Bureau
Caterpillar

Art

Bowers Museum
Pacific Symphony
Alaska Native Elders

Energy

San Onofre Nuclear Power Station
SOCO Institute
UCI Hydrogen Fuel Cell Research Center

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OUR PARTNERS

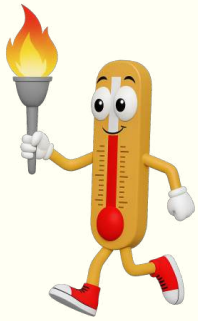
These organizations provided real-world content, current information, skills needed for employment, training, and financial support.

Travel

Marriott Hotel
Hilton Hotel
Subaru
Honda
British Regional Railways
Holiday Inn, Leeds UK

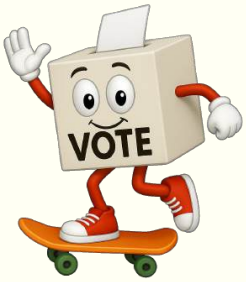
Sports

Jacksonville Jaguars



Weather

San Diego Weather Channel



Government

Local Elections
Government Agencies

We hope you enjoyed our LA28 Olympics Investigation!

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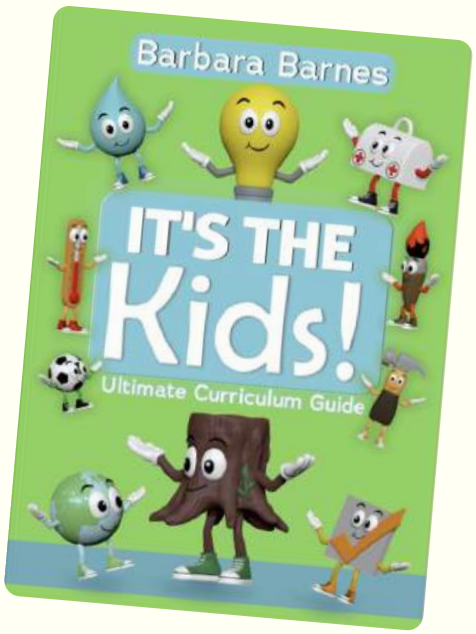

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Real Impact. Real Kids.

The **LA28 Olympics Investigation** is one of many real-world learning projects created by educator Barbara Barnes through **It's the Kids!**

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- Brain challenges
- Creative projects
- Explorations
- Parent involvement
- Community partnerships
- Real-world connections

Learn more about It's the Kids and our other projects at

itsthekids.net