



echo
HORIZON
s c h o o l
Does Summer
2013



Here Comes Kindergarten

Open to incoming Echo Horizon School Kindergarteners

Here Comes Kindergarten is a perfect opportunity for children who will be entering Kindergarten in the fall at Echo Horizon School to become familiar with their new school, gain confidence in a new setting and benefit from exposure to Kindergarten routines. They will have the opportunity to make new friends and strengthen their social & academic skills – and have fun! An optional Activities & Games program is offered for this group in the afternoon for an additional fee.

Session 1: June 17 – July 5 (not in session on July 4)

Session 2: July 8 – July 26

8:00 – 9:00 a.m.	Morning Daycare (optional/additional fee)
9:00 – 9:30 a.m.	Carpool Drop Off or Walk In
9:30 – 10:00 a.m.	Opening Assembly
10:00 – 12:15 p.m.	Day Program of activities, crafts, stories and playtime
12:15 – 2:30 p.m.	Lunch and Optional Activities & Games
2:15 – 2:30 p.m.	Closing Assembly No Closing Assembly on Thursdays / 2:00-2:30 on Fridays (parents invited)
2:30 – 6:00 p.m.	Afternoon Daycare (optional/additional fee)



Echo Horizon School Does Summer 2013

Open to public for rising 1st – 8th graders

Schedule

Week 1: June 17 – June 21

Week 2: June 24 – June 28

Week 3: July 1 – July 5 (not in session on July 4)

Week 4: July 8 – July 12

Week 5: July 15 – July 19

Week 6: July 22 – July 26

8:00 – 9:00 a.m.	Morning Daycare (optional/additional fee)	
9:00 – 9:30 a.m.	Carpool Drop Off or Walk In	
9:30 – 10:00 a.m.	Opening Assembly	
10:00 – 11:00 a.m.	Arts & Food Crafts and Camp Games (Six, one-week sessions) Rising 1st - 8th graders Children are grouped by age as rising 1st & 2nd graders, rising 3rd & 4th graders, and rising 5th – 8th graders. They will enjoy a different activity each day!	Academic Camps Writers Workshop Rising 4th - 8th graders: Week 2 Latin Roots Rising 6th graders: Weeks 3-4 Singapore Math Bootcamp All Echo Horizon in-coming 1st – 6th graders : Weeks 5-6
11:00 – 11:30 a.m.	Recess	
11:30 – 12:30 p.m.	STEAM Projects (Six, one-week sessions) Rising 1st - 8th graders See below for class choices and descriptions.	
12:30 – 1:15 p.m.	Lunch & Recess	
1:15 – 2:15 p.m.	Day Camp (Six, one-week sessions) Rising 1st - 3rd graders Outdoor Games and Water Day at the Park, Swimming at The Plunge	Specialty Camps (Six, one-week sessions) Rising 4th - 8th graders See below for class choices and descriptions.
2:15 – 2:30 pm	Closing Assembly No Closing Assembly on Thursdays / 2:00-2:30 on Fridays (parents invited)	
2:30 p.m.	Carpool or Walk In Dismissal	
2:30 – 6:00 p.m.	Afternoon Daycare (optional/additional fee)	



Class Descriptions:

Arts & Food Crafts and Camp Games

Children are grouped by age as rising 1st & 2nd graders, rising 3rd & 4th graders, or rising 5th-8th graders. In these groupings, they enjoy different activities every day, either arts & crafts or decorative food crafts or playing camp games. Loads of summer fun!

OR

Academic Camps

This portion of the program is also open to students who do not attend the full-day Echo Horizon Does Summer program.

Writers Workshop

Rising 4th – 8th graders: Week 2

Writers Workshop is an introduction to the world of writing. Every student will have an individual Writers Notebook to use for collecting stories and observations. After choosing a favorite piece, the student will use the writing process to create a published piece. This Academic Camp partners beautifully with the Bookbinding Specialty Camp in the afternoon.

Latin Roots

Rising 6th graders: Weeks 3-4

A basic knowledge of Latin roots can unlock the meaning of hundreds of vocabulary words. For every Latin root learned, students will understand more than a dozen English words. Students taking the ISEE will encounter advanced vocabulary throughout the exam and a solid understanding of vocabulary is essential to boosting scores. Rather than attempting to memorize lists of words that might be on the exam, time is better spent learning Latin roots so students can use their knowledge to decode unfamiliar words. Through interactive games and hands-on activities, students will be exposed to approximately 200 Latin roots as a jumping off point for the ISEE or Latin studies.

Singapore Math Boot Camp

All in-coming Echo Horizon 1st-6th graders: Weeks 5-6

Echo Horizon School teaches the uniquely successful Singapore Math program, which is very different from other math programs. We feel that it is very important to give children access to the new language and thought processes that are used in Singapore Math in order to provide a basis for greater success during the transition to a new school. Children will be grouped according to age and taught by experienced math teachers. Students entering our school are strongly encouraged to attend.



What is STEAM?

STEAM represents projects steeped in Science, Technology, Engineering, Arts and Math. We offer two STEAM Projects each week from which to choose. The children are grouped by age as rising 1st & 2nd graders, rising 3rd & 4th graders, and rising 5th–8th graders.

Class Descriptions:

Live Action Angry Birds

Rising 1st & 2nd graders: Offered Week 5

Rising 3rd & 4th graders: Offered Week 1

Rising 5th-8th graders: Offered Week 3

Have you ever wanted to be in a video game? You'll have the chance as we use science and math skills to design and build a live action version of this popular online game. First, you will play Angry Birds to get inspired. Then, we will get to work designing, constructing and decorating our life-sized, live action game!

Alternative Cars

Rising 3rd & 4th graders: Offered Week 3

Rising 5th-8th graders: Offered Week 1

Become a car designer! Based on your research about different car designs and sources of fuel, you will design alternative cars considering size, speed, weight and velocity. Using materials like cardboard, straws, balloons, paper, you will construct and decorate your very own car.

Egg Drop Contest

Rising 1st & 2nd graders: Offered Week 6

After exploring the effects of gravity on several different types of building materials, you will construct your own containers for an Egg Drop Contest! We'll calculate the velocity of our eggs and determine which materials/structural designs were most successful.

Sailboats

Rising 1st & 2nd graders: Offered Week 3

Rising 3rd & 4th graders: Offered Week 4

Rising 5th-8th graders: Offered Week 2

Anchors aweigh! You will use computer apps to design sailboats that can actually sail. Working with a variety of materials, you will build individual sailboats and use fans to power the wind that will fill their sails!

Marble Run

Rising 1st & 2nd graders: Offered Week 4

Rising 3rd & 4th graders: Offered Week 5

On your marks, get set, go! In order to design and construct a marble run, you will use technology to gather information about gravity, momentum, and acceleration. With the data you collect, you will build a marble run equipped for greatest speed from start to finish.

Model Planes

Rising 1st & 2nd graders: Offered Week 1

Watch out Wright Brothers! In your quest to make the perfect flying machine, you will learn about the properties of flight including weight, length and height as they impact flight time and distance. Then you will design, construct, test and reconstruct your own model plane or glider to fly up, up and away!

Fingerprinting

Rising 1st & 2nd graders: Offered Week 3

Rising 3rd & 4th graders: Offered Week 2

No two prints are the same! You will investigate “all things fingerprints” from taking fingerprints to photo editing fingerprints to making original works of art out of fingerprints. You will learn to sort, classify, measure, and record just like forensic investigators do!

Active Volcanoes

Rising 1st & 2nd graders: Offered Week 2

Become a volcanologist! You will learn about active volcanoes on earth, how volcanoes are formed, the types of rocks that make up volcanoes and why they erupt. Using clay and paints, we will construct a replica of a volcano that actually erupts!

Architectural Wonders of the World

Rising 5th-8th graders: Offered Week 6

Let’s explore the ancient and modern architectural Wonders of the World. Using math, science and art we will construct scale models of Wonders of the World that are structurally sound and able to withstand weight.



[Class Descriptions continued on page 6](#)

Pop Rock Academy

Rising 3rd & 4th graders: Offered Week 4

Rising 5th-8th graders: Offered Week 3

Join the School of Rock! Using GarageBand and the properties of recording engineering, you will compose music and produce CDs for mass distribution. Just kidding, but everyone who takes this class will leave with a CD of original music. On the way you will conduct a science experiment about sound waves, learn a little music theory and design a personal CD cover.

All About Hummingbirds

Rising 1st & 2nd graders: Offered Week 5

Rising 3rd & 4th graders: Offered Week 6

Rising 5th-8th graders: Offered Week 1

We will learn about a day in the life of a hummingbird, including how much nectar it eats, how its digestive tract works, how it flies, why its wings flap so rapidly, why it's called a hummingbird and other features unique to this species of bird. We will also design and build hummingbird feeders to be set up at school and, at the end of the week, taken home.

Cooking with the Sun

Rising 1st & 2nd graders: Offered Week 1

Rising 3rd & 4th graders: Offered Week 5

Rising 5th-8th graders: Offered Week 4

We will learn all about solar energy by researching, designing and constructing a solar oven from everyday household materials. On Friday, we will use our ovens to bake cookies under the sun. We will use math, technology, engineering, and the arts in our project as we explore science concepts.

Rock Candy Science

Rising 1st & 2nd graders: Offered Week 2

Rising 3rd & 4th graders: Offered Week 1

Rising 5th-8th graders: Offered Week 6

Do rocks and gems fascinate you? Become a geological engineer by building tunnels with clay. In the process, you'll learn about crystal formation, make edible rock candy, learn to do lattice multiplication, participate in a molecular science experiment and complete a virtual investigation of the formation of rocks and minerals.

Paleontology

Rising 1st & 2nd graders: Offered Week 4

Rising 3rd & 4th graders: Offered Week 3

Rising 5th-8th graders: Offered Week 5

Let's study prehistoric life! Using the Internet, we will go on a WebQuest to search for information about fossils. We'll make clay fossils, edible amber fossils, and see the science of fossilization in action. Additionally, we will construct dinosaur skeletons out of toothpicks and Popsicle sticks.

Design and Build a Carnival

Rising 1st & 2nd graders: Offered Week 6

Rising 3rd & 4th graders: Offered Week 2

Rising 5th-8th graders: Offered Week 4

The carnival is coming to town! After using the Internet to research a variety of carnivals, you will design and build one, complete with games and attractions. You will use geometry to design the layout of our carnival, learn about the mechanics of carnival games and use art to decorate all of our attractions and games.

Geology and Engineering: Earthquake Design

Rising 5th-8th graders: Offered Week 2

What causes earthquakes and how do scientists measure and record the quakes? You'll use USGS data to practice measuring earthquake strength using seismographs and the Rictor Scale. You'll learn about structural engineering in order to design earthquake-proof structures before constructing prototype buildings and testing their effectiveness in a fictitious earthquake scenario.

Mystery Theatre

Rising 3rd & 4th graders: Offered Week 6

Rising 5th-8th graders: Offered Week 5

Using forensic science, mathematical calculation and re-enactment, we will solve the mystery of who stole the cookie from the cookie jar. We will reconstruct the crime scene for investigative purposes and document each suspect's whereabouts at the time of the crime. We will find our crook!



Afternoon Day Camp



Rising 1st–3rd graders

Our younger campers will enjoy afternoon outdoor play. Three days of the week they will play camp games at Sid Kronenthal Park, adjacent to the school. One day each week they will enjoy water play at Sid Kronenthal Park and one day each week they will go swimming* at the beautiful Culver City Municipal Plunge, where they are kept safe in the water by trained lifeguards. Children need not know how to swim to participate since we stay in the shallow end. The children will be transported to and from The Plunge by Atlantic Express Bus Company.

*No swimming the week of June 17.

Afternoon Specialty Camps

Rising 4th–8th graders

Video Camp

Offered Weeks 1, 3 & 5 (Each week will have a new and different project)

Lights, camera, action! Unleash your inner creativity by experiencing the art of filmmaking. Have you ever wanted to be a director, recording artist, producer or scriptwriter? In this camp, we will explore production, camera operation, sound and editing. We'll turn our original ideas into actual short movies, music videos, movie trailers and much more!

Painting Camp

Offered Week 1

Paint like a pro! Experiment with color, watercolors & acrylic paints and learn different painting techniques. From splatter painting to color blocks to a still life of your favorite object, you'll have paintings worthy of framing by the end of this camp week.

Science Camp

Offered Weeks 2 & 3 (Each week will have a new and different project)

Do you love everything science? Explore a different science lab every day during summer camp! From earthquakes and volcanoes, to the human brain and rockets, come experience real world science in a fun and comfortable environment.

Sculpture Camp

Offered Week 2

Sculpt away! Working with a variety of materials and techniques, we'll play with color and placement along the way. We'll explore color, texture and form, stacked, kinetic, natural, line, and surface sculptures as well as techniques including found object and hand sculpting. Anything is possible with a little imagination!

Bookbinding Camp

Offered Week 2

This week is an introduction to the art of bookbinding. Participants will create journals, books, and covers for existing pieces of original writing. This will be a fun, hands-on experience binding books! This camp pairs beautifully with the Writers Workshop Academic Camp in the morning.

Specialty Camps continued on page 9

Culinary Camp

Offered Weeks 4 & 6 (Each week will have a new and different project)

Roll up your sleeves, put on your aprons and get ready to make a veritable smorgasbord of diverse and scrumptious foods! We will learn kitchen safety, proper food handling, recipe reading, food preparation, cooking & baking techniques, and presentation. Join us to slice and dice using this summer's freshest seasonal ingredients!

Robot Making Camp

Offered Week 4

Build real robots that Waddle, Doodle, and Techno-dance! In this camp, you will build three different types of real Robots: the Brush Robot, the Doodling Robot, and the Techno Robot. They are fun, awesome, and a great learning experience! And the BEST part is you get to take them home and keep them! *Additional materials fee of \$45.*

Architecture Camp

Offered Week 5

Part math, part science, and part art, this architecture camp has it all! Using assorted architectural & bridge building model sets, decks of cards, toothpicks, marshmallows, and more, this camp teaches basic drafting, scale, symmetry, proportion, and geometry. Children build iconic models and learn about famous architects. *Additional materials fee of \$15.*

Basketball Camp

Offered Week 6

Whether you are a newcomer to the sport or a highly skilled player, this camp is designed to help young basketball players develop athletically. We will run drills to practice shooting, passing, dribbling and defense focusing on individual skills and play team scrimmages.



Registration Form

Child's Name: _____

Parent Name: _____

Street Address: _____

Home Phone: _____ Daytime Phone: _____

Email: _____

Child's DOB: _____ Grade Entering Fall 2013: _____

Morning Academic Camps

Writers Workshop

Rising 4th – 8th graders: Offered Week 2

Latin Roots

Rising 6th graders: Offered weeks 3-4

Singapore Math Boot Camp

All incoming Echo Horizon School 1st – 6th graders: Offered weeks 5-6

Morning STEAM Class Selection (All rising 1st – 8th graders):

Please select one option for each week your child will be enrolled.

Rising 1st & 2nd Graders

Week One: Cooking with the Sun or Model Planes

Week Two: Active Volcanoes or Rock Candy Science

Week Three: Sailboats or Fingerprinting

Week Four: Marble Run or Paleontology

Week Five: All About Hummingbirds or Live Action Angry Birds

Week Six: Egg Drop Contest or Design and Build a Carnival

Rising 3rd & 4th Graders

Week One: Live Action Angry Birds or Rock Candy Science

Week Two: Fingerprinting or Design and Build a Carnival

Week Three: Alternative Cars or Paleontology

Week Four: Sailboats or Pop Rock Academy

Week Five: Cooking with the Sun or Marble Run

Week Six: All About Hummingbirds or Mystery Theatre

Rising 5th–8th Graders

Week One: Alternative Cars or All About Hummingbirds

Week Two: Sailboats or Geology & Engineering: Earthquake Design

Week Three: Pop Rock Academy or Live Action Angry Birds

Week Four: Cooking with the Sun or Design and Build a Carnival

Week Five: Mystery Theatre or Paleontology

Week Six: Architectural Wonders of the World or Rock Candy Science

Afternoon Specialty Camps (Rising 4th – 8th graders):

Please select one option for each week your child will be enrolled

Rising 4th–8th Graders

Week One: Video Camp or Painting Camp

Week Two: Sculpture Camp or Bookbinding Camp or Science Camp

Week Three: Science Camp or Video Camp

Week Four: Culinary Camp or Robot Making Camp

Week Five: Video Camp or Architecture Camp

Week Six: Basketball Camp or Culinary Camp



Costs

Here Comes Kindergarten

(Incoming Echo Horizon School Kindergarten students only)

- | | |
|--|--|
| <input type="checkbox"/> First Session: \$745 | <input type="checkbox"/> Second Session: \$800 |
| <input type="checkbox"/> Optional Afternoon
Activities & Games: \$375 | <input type="checkbox"/> Optional Afternoon
Activities & Games: \$400 |

Echo Horizon Does Summer

(All rising 1st – 8th graders)

- Week 1 \$400
- Week 2 \$400
- Week 3 \$320
- Week 4 \$400
- Week 5 \$400
- Week 6 \$400

Additional Materials Fee

- Architecture Camp \$15
- Robot Making Camp \$45

Daycare

- | | | |
|---|------------------|----------------|
| <input type="checkbox"/> 8:00 – 9:30 am (\$25/week) | # of Weeks _____ | Total \$ _____ |
| <input type="checkbox"/> 2:30 – 6:00 pm (\$75/week) | # of Weeks _____ | Total \$ _____ |

Total Enrollment: \$ _____ Total Daycare: \$ _____

Deposit Enclosed: \$ _____

FINAL BALANCE (DUE 6/1/13)

\$

- One-time payment is enclosed. (Checks should be made payable to: Echo Horizon School)

To make a payment via credit card, please visit the Echo Horizon Does Summer 2013 page on our website at: www.echohorizon.org/summersession

Lunch & Snack

Children may either purchase a hot lunch in advance from Campus Kitchen (information is available after registration) or bring a lunch from home. All children should bring a snack to eat during morning recess.

Clothing & Supplies

Children should bring a water bottle, hat and plenty of sunscreen. On swim days, children should wear a swimsuit under their clothing and bring a towel.

