



# SKAGGS CATHOLIC CENTER, LLC

Juan Diego Catholic High School 801-984-7650  
Saint John the Baptist Middle School 801-984-7614  
Saint John the Baptist Elementary School 801-984-7108



## ***Explorations in Science - Summer Camp 2017***

**WHAT:** Sponsored by the Juan Diego Academy of Sciences for any middle school student (public or private). Daily activities begin at the Skaggs Catholic Center, 300 E 11800 S, Draper, and include field trips. Students explore **Ecosystems, Physics, Engineering, Chemistry, Environmental Science, and Astronomy**. (Descriptions of activities follow).

**DATE:** June 5<sup>th</sup> – June 9<sup>th</sup>, 8:30 am – 2:00 pm

**COST:** \$100 per student covers the cost for attending the full week of activities. The fee includes transportation, lab fees, and admission tickets. Bring your own lunch and water.

**WHO:** Any Utah student, grades 6<sup>th</sup> – 9<sup>th</sup> (in 2017-2018) is eligible to attend.

**TO REGISTER:** Contact Vicky Simpson, [vsimpson@stfxcs.org](mailto:vsimpson@stfxcs.org); 801-966-1571, ex. 136

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**Explorations in Science Summer Camp Registration:**

**DEADLINE FOR REGISTRATION IS MAY 26, 2017.**  
**(Limited to 50 openings, based on completed registration)**

**Registration is considered complete with receipt of:**

- Bottom portion of this form
- Completed permission slip
- Completed model release form (for photos taken during the camp)
- Check/money order for \$100 (Payable to Juan Diego Catholic High School).
- Mail the three **forms** and fee to:

**Summer Science Camp, c/o Juan Diego Catholic High School  
300 E 11800 S, Draper, UT 84020.**

**\*\*\*You will receive a confirmation email and additional camp information when registration forms and fee are received.\*\*\***

Student's Name \_\_\_\_\_

Grade (2017-2018) \_\_\_\_\_ School (2017-2018) \_\_\_\_\_

Parent/Guardian Name \_\_\_\_\_

Phone #s: H) \_\_\_\_\_ W) \_\_\_\_\_ Cell) \_\_\_\_\_

email \_\_\_\_\_

Home Address \_\_\_\_\_

# • ***Explorations in Science - Summer 2017***

## **- Where to go -**

Camp participants meet in the Great Hall in the high school. You may enter the building from the south main entrance (300 E.). Doors open at 8:30 am for check-in, Monday through Friday. Bus leaves promptly at 9:00 a.m. on field trip days. Camp activities conclude at 2:00 pm, pick up by 2:00 pm. **Pick up on Friday will be 2:30 p.m.**

## **- What to bring -**

Students will need a sack lunch 4 of the 5 days. Lunch will be provided for all participants on one day. For field trip days, bring water bottle, sunscreen and insect repellent (if needed), and a jacket if it looks like rain. All other necessary supplies will be provided.

## **- ACTIVITIES -**

**SPACE CAMP:** Ride Galactic Waves! Command the high seas of space! Live the space experience on a field trip to the **Discovery Space Center** in Pleasant Grove. Students will assume roles of captain, first officer, engineer, flight control, tactical and more as they board one of five flight simulators. You will work with your crew to successfully complete a space mission.  
**Facilitated by:** *Vicky Simpson, St. Francis Xavier Catholic School*

**MARINE BIOLOGY:** Join us as we explore our living planet at **The Living Planet Aquarium**. You will have an opportunity to explore the exhibits of the aquarium and then you will become a commercial fisherman for a day! You will participate in the "Sustainable Fishing Lab" that simulates two types of commercial fishing through a hands-on activity that demonstrates harmful and safe fishing techniques. Each student is assigned a role, such as marine biologist, fisherman and data collector. Discussion is facilitated on conservation of resources and natural habitats by consumer choice.  
**Facilitated by:** *Vicky Simpson, St. Francis Xavier Catholic School*

**PHYSICS:** This day is all about light and optics! You will investigate the properties and applications of waves. You will experience the nature of electromagnetic radiation and visible light, particularly its ability to reflect, refract, transmit, and be absorbed. You will observe the transfer of light from one place to another as waves. Take a trip with us to **Laser Quest**, play laser tag, and experience light and optics in a whole new and exciting way!  
**Facilitated by:** *Vicky Simpson, Saint Francis Xavier Catholic School.*

**ENVIRONMENTAL SCIENCE/C.S.I. CHEMISTRY:** Spend half the day performing experiments in the "Crime Fighting" chemistry lab. We'll use chemistry lab techniques like chromatography and chemical reactions to solve a mystery. The other half of the day will be spent exploring **Thanksgiving Point Gardens** while testing your skills at finding and identifying birds and other pollinators.  
**Facilitated by:** *Ashley Muhlestein, JDCHS Science Dept. and Nikki Wyman, SJBMS*

**ENGINEERING DESIGN & TESTING:** Representatives from the University of Utah College of Engineering will introduce disciplines of Bioengineering, Chemical Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Materials Science and Mechanical Engineering. You will then have the opportunity to work with other campers to design and test a variety of interactive models.  
**Facilitated by:** *Jaime Garza, University of Utah College of Engineering and Connie Waung, SJBMS*



## SUMMER SCIENCE CAMP 2017

### **\*Where to enter\***

Camp participants enter the Skaggs Center through the south doors. Parking is most convenient in Parking Lot B or C. Doors are open at 8:30 am.

### **\*Where to meet\***

Camp participants will meet every day in the Great Hall for check-in. Please arrive and check-in between **8:30-8:45 am, Monday through Friday**. Buses leave and activities begin promptly at **9:00 am**.

**For Space Camp on Friday, June 9<sup>th</sup>, the bus will return at 2:30 pm. Pick up 2:30 pm.**

### **\*Pick-up\***

Camp participants can be picked up on the south side of the Skaggs Center. Daily pick-up times are listed below for each day. **Please be prompt!**

### **\*DAILY ACTIVITIES\***

#### **MONDAY ...JUNE 5<sup>th</sup>...MARINE BIOLOGY**

- Check-in 8:30 a.m.
- Activity 9 a.m. - 9:45 a.m.
- Participants will be split into 2 groups
- Bus leaves at 9:45 a.m., arriving at the aquarium at 10:00 a.m.
- **Morning Session:**  
Group 1: EcoVenture Class 10:15 a.m. then explore the aquarium  
Group 2: Explore the aquarium then EcoVenture Class at 11:00 a.m.
- Bring sack lunch
- **Afternoon Session:** 4D Movie Adventure
- Bus leaves 1:45 p.m.
- **Dismissal: 2:00 p.m.**

#### **TUESDAY...JUNE 6<sup>th</sup> ...U of U ENGINEERING**

- Check-in 8:30 a.m.
- Morning session activities: 9:00 a.m. – 11:30 a.m.
- Lunch at 11:30 a.m....**Lunch will be provided this day...NO SACK LUNCH REQUIRED**
- Afternoon session activities: noon- 2:00 p.m.
- **Dismissal: 2:00 p.m.**

#### **WEDNESDAY...JUNE 7<sup>th</sup>...ENVIRONMENTAL SCIENCE/CSI CHEMISTRY**

- Check-in 8:30 a.m.
- Morning session activities: 9:00 a.m. – 11:30 a.m.  
**Group 1:** Leave 9:00 am to Thanksgiving Point Gardens, return at 11:00 a.m.  
**Group 2:** Lab activities
- Bring sack lunch
- Afternoon session activities: 11:45 a.m. – 1:45 p.m.  
**Group 1:** Lab activities  
**Group 2:** Leave 11:45 a.m. for Thanksgiving Point Gardens, return 1:45 p.m.
- **Dismissal: 2:00 p.m.**

## **THURSDAY...JUNE 8<sup>th</sup>...PHYSICS**

Check-in 8:30 a.m.

- Bus leaves promptly at **9:00 a.m.**
- **Laser Quest DRESS CODE and RULES**
  - No flip-flops or sandals
  - No gum
  - No food
  - No drinks
- \*\*\* Students who do not adhere to the Laser Quest dress code will not be allowed to get on the bus to Laser Quest and will call parents for immediate pick-up. \*\*\*
- Bring sack lunch
- **Dismissal: 2:00 p.m.**

## **FRIDAY...JUNE 9<sup>th</sup>...SPACE CAMP**

- Check in 8:30 a.m.
- Bus leaves promptly at **9:00 a.m.**
- **Space Camp DRESS CODE and RULES**
  - No flip-flops or sandals
  - No gum
  - No food
  - No drinks
- \*\*\* Students who do not adhere to the Space Camp dress code will not be allowed to get on the bus to Space Camp and will call parents for immediate pick-up. \*\*\*
- Bring sack lunch
- **Dismissal: 2:30 p.m.**

**SKAGGS CATHOLIC CENTER, LLC  
JUAN DIEGO CATHOLIC HIGH SCHOOL  
300 EAST 11800 SOUTH  
DRAPER, UTAH 84020  
801-984-7650**

Juan Diego Academy of Sciences  
Field Trip Permission Form

Please fill out and return

Student's Name: \_\_\_\_\_  
Student's School as of May 26, 2017: \_\_\_\_\_  
Dates: June 5-9, 2017  
Method of Transportation: School Bus  
Teacher/Advisor/Chaperon: Diocesan Teacher Or Staff

I, the undersigned, parent or legal guardian of the above-mentioned student, request that the school allow my child to participate in the above named school field trips. I hereby release and save harmless, the Skaggs Catholic Center LLC, Juan Diego Catholic High School, the Roman Catholic Diocese of Salt Lake City, and any and all of its employees from all liability for any and all harm arising to my child and for any loss of property as a result of this trip.

Permission is Given

- Only when an adult will be driving  
 For my child to travel by school bus, public or chartered transportation  
 For my child to walk

Medical Permission Form

I, the undersigned, parent or legal guardian of \_\_\_\_\_, a minor, do hereby appoint advisor and or chaperones as agent(s) for the undersigned for the purpose of authorizing and signing any consents for any X-ray examination, anesthetic, medical or surgical diagnosis or treatment and hospital care which is deemed advisable by and is to be rendered under the general supervision of any physician and surgeon licensed under the provisions of the Medical Practice Act on the medical staff of nearest emergency hospital whether such diagnosis or treatment is rendered at the office of said physician or at said hospital. It is understood that this authorization is given in advance of any specific diagnosis, treatment or hospital care being required but is given to provide authority and power on the part of our aforesaid agent(s) to give specific consent to any and all such diagnosis, treatment or hospital care which any physician in the exercise of his/her best judgment may deem advisable. This authorization is given and shall remain effective from June 5, 2017 to June 9, 2017 unless sooner revoked in writing to said agent(s).

Necessary Medical Information

1. Full Name of Child: \_\_\_\_\_
2. Date of Birth: \_\_\_\_\_
3. In Case of Accident, Call: \_\_\_\_\_
4. Home Telephone: \_\_\_\_\_
5. Home Address: \_\_\_\_\_
6. Work Telephone: \_\_\_\_\_
7. Alternate Person to Call: \_\_\_\_\_
8. Telephone: \_\_\_\_\_
9. Physician's Full Name \_\_\_\_\_
10. Telephone: \_\_\_\_\_
11. Family Insurance Policy: \_\_\_\_\_
12. Policy Number: \_\_\_\_\_
13. Describe in full any allergies (drug, food, insect bites, etc.) or limitations on physical activities:
  - Drug Allergies: \_\_\_\_\_
  - Food Allergies: \_\_\_\_\_
  - Other Allergies: \_\_\_\_\_
  - Current Medication: \_\_\_\_\_

Parent or Legal Guardian: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_ Address: \_\_\_\_\_  
City/State Zip

*Explorations in Science*  
Summer Science Camp 2017



**Student  
Model Release Form**

I, \_\_\_\_\_, give Juan Diego Academy of Sciences permission to record the image of my/my student named below, and grant JDCHS permission to use sound, still, or moving images in any medium for educational, promotional, advertising or other purposes that support the mission of the school. I agree that all rights to the sound, still, or moving images belong to JDCHS.

**Student Name** \_\_\_\_\_  
(Please Print)

**Guardian's Name** \_\_\_\_\_  
(Please Print)

**Parent/Guardian's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**Address** \_\_\_\_\_ **Phone** \_\_\_\_\_

\_\_\_\_\_ **Email** \_\_\_\_\_

**If student/model is under 18 years of age, a parent or legal guardian must sign.**