



Information Pack 3

Teams are forming. Research projects have begun. You are now on your Water is Life journey. Here in Florida we are making the field excursion arrangements, confirming speakers, and developing a teacher chaperone program. We are also setting up our Student Bridges - our younger Saint Stephen's student classes who are assigned to each Water is Life team. You are encouraged to interact with these classes who are anxious to learn from you and your research.



This Information Pack includes:

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| <ul style="list-style-type: none"><input type="checkbox"/> Saint Stephen's Student Bridge Interactions<input type="checkbox"/> Research Project Information<input type="checkbox"/> Project presentation requirements<input type="checkbox"/> Research report guidelines<input type="checkbox"/> Requirement/Suggestions for oral/visual presentation<input type="checkbox"/> Requirements/Suggestions for poster presentation<input type="checkbox"/> Judging criteria | <ul style="list-style-type: none"><input type="checkbox"/> Full Registration Information<input type="checkbox"/> Schools registered as of October 31, 2019<input type="checkbox"/> How to pay conference registration fees<input type="checkbox"/> Early arrival information<input type="checkbox"/> Airport information, transfer times, customs time<input type="checkbox"/> Water based activities<input type="checkbox"/> School sessions<input type="checkbox"/> T-shirt sizing |
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Student Bridges

Saint Stephen's Episcopal School educates children ages 3-19. While our Upper School students will form our Water is Life team, each student on our campus will participate in the global adventure that is Water is Life. After each international team registers they will be assigned one of our young student classes to serve as a BRIDGE to the conference. These students are eager to learn about your research, your home town and your country. They will be your cheerleaders as you prepare for the conference. We encourage you to contact them often to share your research progress and to become their window into your part of the world.

Initial contact will be between teachers. We have asked our teachers to make at least two connections with their Bridge school, but many more will enrich the lives of both the international teams and those of our students. Suggestions for interactions are email or postal mail greetings, FlipGrid videos, Skype visits and many other creative ways to connect.

It is our hope that our Student Bridge classes will make our Saint Stephen's school familiar to you and become a comfortable conference location looking forward. It will also serve as a learning platform for both the Student Bridge class and the Water is Life team to share global learning activities. We encourage you to embrace this interaction and have some fun building your bridge to Florida next June.

Research Project Information

Research Links

International Science and Engineering Fair Rules

<https://student.societyforscience.org/international-rules-pre-college-science-research>

Abstract Guidelines

<https://www.saintstephens.org/waterislife2020/forms/Abstract-Guidelines.pdf>

Judging Criteria for Oral and Poster presentations

<https://www.saintstephens.org/waterislife2020/forms/Oral-and-Poster-Judging-criteria-For-students.pdf>

Research Report Guidelines

<https://www.saintstephens.org/waterislife2020/forms/Research-Report-Guidelines.pdf>

Poster Guidelines

<https://www.saintstephens.org/waterislife2020/forms/Prepare-Your-Poster-Guidelines.pdf>

Research Project Suggestions

A key component of the Water is Life conference is the presentation of student research. These projects provide the school teams with the opportunity to delve deeply into a water related topic using a research protocol. Centering projects around the five Water is Life themes of biodiversity, community, education, water quality, leadership and engineering, students become experts in their chosen topic. The information they discover is then shared with the other Water is Life conference members, broadening the impact of the student research on a global scale. A first, second and third place award of recognition in each of the themed areas is presented at the end of the conference.

ALL RESEARCH IS EXPECTED TO BE CARRIED OUT USING THE INTERNATIONALLY RECOGNIZED STANDARDS FOR SAFETY AND FOR THE ETHICAL TREATMENT OF LIVE ORGANISMS.

The International Science and Engineering Fair Guidelines are an excellent source of information on how to safely and ethically conduct research projects. They include:

- **Integrity.** Honesty, objectivity, and avoidance of conflicts of interest are expected during every phase of the research. The project should reflect independent research done by the student(s).
- **Legality.** Compliance with all federal, country, state and local laws is essential.
- **Respect for Confidentiality and Intellectual Property.** Confidential communications, as well as patents, copyrights, and other forms of intellectual property must be honored. Unpublished

data, methods, or results may not be used without permission, and credit must be given to all contributions to research.

- **Stewardship of the Environment.** It is the responsibility of the researcher(s) and the adults involved to protect the environment and its organisms from harm. All projects involve some amount of risk. Everyone is expected to recognize the hazards, assess the risks, minimize them, and prepare for emergencies.
- **Animal Care.** Proper care and respect must be given to vertebrate animals. The guiding principles for the use of animals in research includes the following “Four R’s”: Replace, Reduce, Refine, Respect.
- **Human Participant Protection.** The highest priority is the health and well-being of the student researcher(s) and human participants.
- **Potentially Hazardous Biological Agents (PHBAs).** It is the responsibility of the student and adults involved in the project to conduct and document a risk assessment, and to safely handle and dispose of organisms and materials.

Research Report

Projects should be planned and completed at least one month prior to the research report submission date of March 31, 2020. It will take about one month to adequately write, edit, and word process the research report. The guidelines for the research report follow a scientific journal report style. The inclusion of graphs and images from student gathered data support the conclusions drawn. Evidence and the reasoning supporting all claims in the conclusion is expected. Use this link for specific report expectations.

<https://www.saintstephens.org/waterislife2020/forms/Research-Report-Guidelines.pdf>

Project Presentations at the Conference

Each student team is expected to make a **10 minute oral and visual presentation** of their project while attending the Water is Life conference. The expected audience will be the international and local judge panel, other student teams and adult school representatives. All participating teams will make this presentation.

The Project Presentation may use a format that is known and comfortable to the student presenters. Presentation software that is commonly used is Microsoft Power Point, Google Slides, and Prezi. PC laptop computers will be available for students to use during their presentation. EACH TEAM MUST BRING THEIR PRESENTATION ON A THUMB DRIVE. Apple/Macintosh based presentation software does not transfer well to other systems. If students must use IOS compatible software they must also bring a computer and the appropriate VGA connector for their presentation.

Students should use this presentation time to highlight their project with photos, graphs and a summary of the problem investigated, expected outcomes, procedure, major findings and conclusion. Students should tell the story of their research. Anecdotes about unexpected findings add life and interest to the presentation. Presentation slides with many words should be avoided!

Suggestions for Visual Presentations

- ☐ Limit the number of words on a particular slide to 25 or less, including titles
- ☐ Use large font size so that words are easily read in the back of the room
- ☐ Make photos and graphs large so that they can be easily read
- ☐ Use engaging high quality photos to help tell the story of the project
- ☐ Have team members explain or discuss photos or bulleted points instead of having dense wording on a presentation slide
- ☐ Use animations carefully. A little goes a long way.
- ☐ Include a slide at the beginning with the Project Name, Team Name, School Name and Students Names
- ☐ Practice the presentation in front of others who do not know the research. These audiences can help identify areas where information was assumed and not well communicated.
- ☐ Don't read your slides to the audience, add to the information with your voice
- ☐ Judging criteria link

<https://www.saintstephens.org/waterislife2020/forms/Oral-and-Poster-Judging-criteria-For-students.pdf>

Judging Criteria

Each project will be submitted, digitally, to 3-4 judges who have expertise in the research subject. Digital copies of the research report are due to the Water is Life conference committee by **March 31, 2020**. On April 1, these projects will begin to be distributed to the international and US based judges. All judges are experienced in scientific fields related to the nature of the student research. They will be provided with a rubric to proceed with initial judging. That rubric is under final consideration and will be provided on the Water is Life 2020 website in the research documents section.

Poster Presentation

The Poster Session is an opportunity for all of the conference students to visit and chat with the research teams about their projects. Student team members should take turns standing with their own poster and visiting others. Teams who would like to prepare handouts or small gifts such as bookmarks may do so only if they support the research project topic. Please do NOT give out food or candy.

Dimensions of the poster display area are 1 m(39 in) WIDE x 0.61 m (24 in) TALL.
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The poster itself should be a landscape or horizontal presentation of the highlights of the research project. It should contain a summary of the project including the problem researched, expected findings, analyzed data, conclusions and acknowledgements of those persons or organizations who made significant contributions to the project. This should be a focused summary. The team members standing with the posters can elaborate on the more full story of the research. All you need to bring for your presentation is your printed Poster. Any other supplies will be provided by the conference organizers. **POSTERS MUST BE PRINTED BEFORE ARRIVING IN THE US. SAINT STEPHEN'S IS NOT ABLE TO PRINT POSTERS.**

A useful guide for making a research poster can be found at

<https://www.saintstephens.org/waterislife2020/forms/Prepare-Your-Poster-Guidelines.pdf>

Suggestions for Posters/Poster Presentation

- ☐ Use muted colors for background so that your photos and graphs can be clearly read
- ☐ Make the title a larger font size so that the audience can easily determine the topic
- ☐ Take turns with team members so that each person can visit other teams' posters
- ☐ Engage those who walk by and stop with welcoming words
- ☐ Use questions to help determine the depth of knowledge of the visiting audience. For example: "have you heard of using concrete to form artificial reefs in the ocean?" Then tailor your explanation to the level of prior knowledge
- ☐ Do not provide food or candy
- ☐ Judging criteria link
<https://www.saintstephens.org/waterislife2020/forms/Oral-and-Poster-Judging-criteria-For-students.pdf>

REGISTRATION FOR THE CONFERENCE

Conference registration forms can be found at

<https://www.saintstephens.org/waterislife2020/forms/FULL-REGISTRATION-FORM.pdf>

Please register for the conference, if you have done so already, so that appropriate plans can be made for research area judges, the numbers of people, special diets and special medical considerations.

Schools fully registered by October 31, 2019 are:

Arundel School - Zimbabwe Canterbury School of Florida - USA Col.legi Mare de Deu del Carme - Spain Detroit Country Day School - USA Dillmann-Gymnasium - Germany D'Outremont College - Netherlands Framhaldsskolinn a Laugum - Iceland Gymnasium der Stadt Alsdorf - Germany Hwa Chong Institution - Singapore IV Liceum Ogolnoksztalcace im Mikolaja Kopernika w Rybniku - Poland	John Monash Science School - Australia Mahidol Wittayanusorn School - Thailand Makuhari Senior High School - Japan Maurick College - Netherlands Oak Bay High School - Canada Saint Stephen's Episcopal School - USA Scotch College Melbourne - Australia Shibuya Kyoiku Gakuen Senior High School - Japan St. Odulphuslyceum - Netherlands Wiedner Gymnasium Sir Karl Popper Schule - Austria Pending are 8 additional schools
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Paying Conference Fee

A fee of \$300 for each individual who will attend Water is Life 2020 is due by January 31, 2020. Each student and adult fee will cover housing, meals, transportation, activity fees, airport transfers and conference costs from 6pm on June 21, 2020 until 12:00pm on June 27, 2020. Paying fees on time is vital to the conference planning process. Thank you for your help in making your team's payment by January 31, 2020.

All fees must be wire transferred in US Dollars according to the banking protocol provided here.

Directions for Payment of Conference Registration Fees

The conference registration fee is \$300USD for **EACH** adult and student conference participant.

Funds are to be submitted in **US Dollars** by wire transfer between banks.

Please identify the name of your school and reference Water is Life as part of the transfer.

Funds are to be wired to the host school's bank by January 31, 2020.

Receiving Bank wire transfer information:

Bank: SunTrust Bank, N.A. 1777 Main Street Sarasota, FL 34236 USA

ABA No.: 061000104

SWIFT Code: SNTRUS3A

Account No.: 1000076705473

Account Name: Episcopal Day Private School of Manatee County Restricted Account

Early Arrival

New College has graciously offered to open the residence housing one day early so that teams who would like to arrive on June 20, 2020 may do so. The costs involved with this option include for each person:

In US Dollars

Room	\$37.50
Dinner June 20	\$11.59
Breakfast June 21	\$8.99
Lunch June 21	\$10.79

Arrangements for payment are being made and will be communicated as soon as possible.

Airport Information

The closest airport to the Water is Life conference is the Sarasota-Bradenton International Airport (**SRQ**). SRQ is ten minutes from the New College Campus where teams will be staying. Most international flights will stop at another US airport prior to arrival at SRQ. Teams should plan at least 2 hours to clear Customs and Border Protection and make their connecting flights.

Teams may also choose to fly into the Tampa International Airport (**TPA**). The Tampa Airport is 1.5 hours from the New College Campus. If teams fly to another US airport prior to Tampa they should plan at least 2 hours to clear Customs and Border Protection to make their connecting flight to Tampa.

The Water is Life conference will provide transportation to and from BOTH airports on Saturday, June 20, Sunday, June 21 and Saturday, June 27, 2020.

Water Based Activities

The abundance of water resources in and around Florida make for excellent field studies. We have several events that will be held outdoors on or near water. We want to make schools aware of these opportunities which are integral parts of the Water is Life 2020 program.

On Tuesday, June 22 we will travel on the Sarasota Bay Explorer boat with a naturalist in the protected waters of Sarasota Bay on their Sea life Encounter cruise. Our trip will be an abbreviated version of their public trips lasting 45 minutes. The Sarasota Bay Explorer boats are US Coast Guard approved nature sight-seeing vessels.

https://youtu.be/9SfCR7_aO4o

On Thursday, June 24 we will travel to Anna Maria Island to have dinner on the beach. Students may play in the water at this beach under the careful watch of licensed Manatee County life guards. Anna Maria Island beaches are frequent destinations for our Saint Stephen's students.

<https://youtu.be/hwTV56ISYI8>

If your school has special guidelines regarding students and water, please email Ann Marie Shields at waterislife2020@saintstephens.org.

School Sessions

As we have worked to organize Water is Life 2020 we have noticed the wide discrepancy in school year times. For example, our school year in the United States runs from approximately mid-August to late June. In an effort to better understand when all of our Water is Life affiliated schools are in session we ask that you add your school's information to this Google Sheet. This will help us all know more about our member schools availability. Thanks for helping gather this information!

https://docs.google.com/spreadsheets/d/1_nKZrM4Yc9khtqC5hdN99pP1QoCLcAaNB08zvlW6Niw/edit?usp=sharing

Conference Links

Conference Coordinator Ann Marie Shields waterislife2020@saintstephens.org

Water is Life 2020 website www.waterislife2020.us

Registration form - Due Oct. 15, 2019

<https://www.saintstephens.org/waterislife2020/forms/FULL-REGISTRATION-FORM.pdf>

Wire Transfer/ Fee Payment Information

<https://www.saintstephens.org/waterislife2020/forms/Directions-for-Payment-of-Conference-Registration-Fees.pdf>

Flight Details

<https://www.saintstephens.org/waterislife2020/forms/Flight-info-landscape-form.pdf>

Liability waiver

coming soon

Media release

coming soon

Research Links

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Questions????

Please email questions to Mrs. Ann Marie Shields at waterislife2020@saintstephens.org

Information Pack 4 - March 2020, Conference Agenda, Dress code guide, packing guide, wifi connections, expenses and insurance information, student ambassador information, Teacher Program