SCIENCE WITHOUT BORDERS®
Challenge

Take Action:
Conserve
Coral Reefs

Contest Rules

ABOUT

The *Science Without Borders® Challenge* is a contest to get students and teachers more involved and interested in ocean conservation through art. This annual contest inspires students to be creative while promoting public awareness of the need to preserve, protect, and restore the world's oceans and aquatic resources, contributing to the overarching goals of the Khaled bin Sultan Living Oceans Foundation.

The Foundation is a US based, non-profit environmental science organization. The Foundation was established to protect and restore the world's oceans through scientific research, outreach, and education.

The founder, His Royal Highness Prince Khaled bin Sultan of the Kingdom of Saudi Arabia, understands the challenges of conserving Earth's coral reefs across oceans and political boundaries, and recognizes that collaboration is vital to ocean conservation. Inspired by the working approach of *Medecins Sans Frontiers*, Prince Khaled proposed that *Science Without Borders®* be the motto and the philosophy of the Foundation.

ELIGIBILITY

This international art competition is open to all students 11-19 years old. Students must be enrolled in primary or secondary school, or the home school equivalent. College and university students are <u>not</u> eligible for this contest.

Work will be judged in two categories, with 1st, 2nd, and 3rd place prizes awarded for each:
- 11 – 14 year-olds
- 15 – 19 year-olds

PRIZES

Winners of the *Science Without Borders® Challenge* will be publicly announced. Prizes awarded to contestant winners are as follows:

1st Place: $500

2nd Place: $350

3rd Place: $200

THEME

The theme for this year's Science without Borders® Challenge is "*Take Action: Conserve Coral Reefs.*"

Throughout the world, coral reefs are rapidly declining due to anthropogenic (human-induced) and natural threats. We have already lost a considerable amount of the world's coral reefs in the past 50 years. If nothing changes, scientists predict we will lose the remaining coral reefs by the end of the century. Coral reefs are threatened by a variety of factors including climate change, ocean acidification, coral bleaching, overfishing, pollution, development, and disease—some of which appear to be getting worse. Sometimes individual reefs are stressed by more than one threat making it more difficult for them to recover. It is not only corals that are affected, all organisms that are a part of the coral reef ecosystem are negatively impacted by these stressors too.

Why should you care? Coral reefs are both ecologically and economically important ecosystems in the ocean. They are hotspots of biodiversity and productivity, accounting for the greatest concentration of species of any marine ecosystem. Coral reefs provide a barrier from storms and prevent erosion. Medicines continue to be developed from various coral reef organisms. Coral reefs provide food and livelihoods for hundreds of millions of people around the world. Additionally, tourism creates millions of jobs and contributes billions of dollars to the global economy.

Although the future outlook of coral reefs looks bleak, there are many things we can do to reduce the threats to coral reefs and help them survive in a changing ocean. The time to act is now!

There are many ways to interpret the theme. Use your artistic talents to create a piece of art that illustrates the different actions that can be taken to preserve and conserve coral reefs.

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HOW TO APPLY

1. All artwork must be an original work by the contestant and shall not infringe on any copyrights or any other rights of any third parties. For instance, drawing a character from a cartoon or movie is not considered an original work.
2. The artwork must be 2D such as a painting or drawing. Acceptable media include: paint, pencil, marker, crayon, ink, felt, and oil pastel. Digitally created artwork, including photographs, are not accepted.
3. There is no minimum or maximum size requirements for the artwork.
4. All submissions must be made by an individual artist. Group submissions are not permitted.
5. Participants may submit only 1 art piece.
6. Fill out all required information on the *Entry Form* (online only), including a photograph or scan of the original artwork. See *Guidelines for Submitting Artwork*.
7. Participants that make it to the semi-finalist round will be required to mail the original artwork to:

   Khaled bin Sultan Living Oceans Foundation
   Science Without Borders® Challenge
   7 Old Solomons Island Rd, Suite 200
   Annapolis, MD 21401
   USA

8. Artwork and art descriptions may be used in publications and distributed to the media.
9. The Khaled bin Sultan Living Oceans Foundation reserves the right to disqualify artwork deemed as offensive or plagiarized.
10. Entries that do not comply with all of the contest rules will be disqualified.

SUBMISSION

Contestants must submit a digital Entry Form with either a scan or photograph of the artwork. The Entry Form may only be submitted online at *www. lof.org/SWBChallenge*. All mandatory fields on the Entry Form must be filled out in order for your artwork to be considered for the competition.

If you are under the age of 13, you must also submit a *COPPA Privacy Form* with the Entry Form.
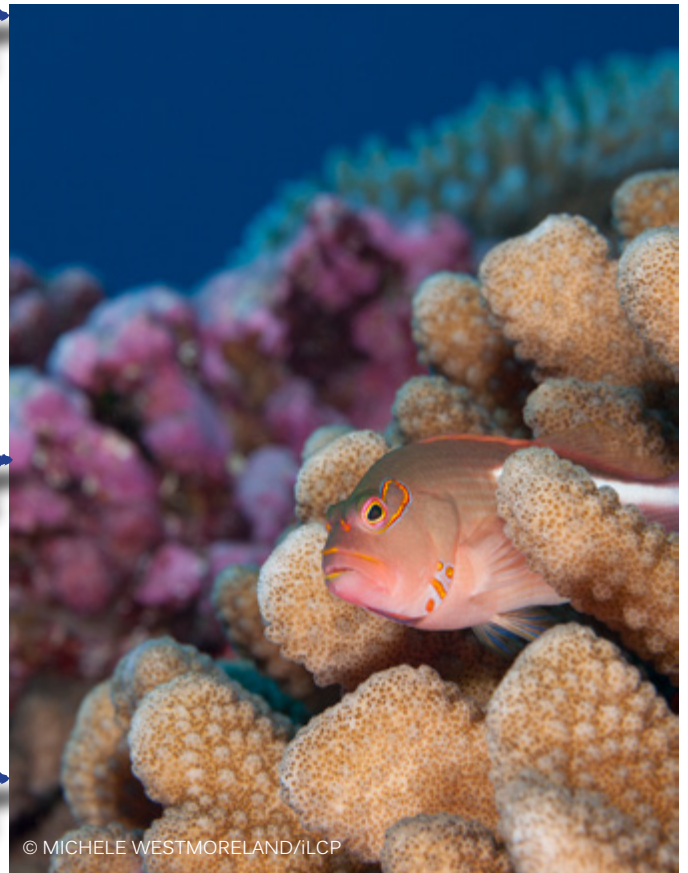
DEADLINE

The deadline to apply for the Science without Borders® Challenge is: **Monday, April 20, 2020**.

All submissions must be received by this date or it will be disqualified.

JUDGING

A panel of artists, educators, and scientists will be formed to judge the *Science Without Borders® Challenge.*

Artwork will be evaluated on the quality of the artwork, originality, and adherence to the theme. The judges will use a *Grading Rubric* to evaluate the artwork. The *Grading Rubric* can be found on page 11.

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RIGHTS

The applicant agrees that the Khaled bin Sultan Living Oceans Foundation will retain the submitted artwork and the art description, which may use it to promote the *Science Without Borders® Challenge*, coral and ocean conservation, and the work of the Khaled bin Sultan Living Oceans Foundation in all media worldwide in perpetuity.

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STEAM

FOR TEACHERS

The Khaled bin Sultan Living Oceans Foundation tries to incorporate STEAM education into all of its education programs. **STEAM** stands for **S**cience, **T**echnology, **E**ngineering, **A**rt, and **M**ath. STEAM is a movement to incorporate artistic innovation into the more well-known STEM formula. While many people today see art and science as two very separate worlds, teaching them together is more of a modern occurrence.

When combining art and science, doors are opened for disengaged students. Both disciplines require learning by doing. A creative outlet can be given to the science enthusiast and, at the same time, it can open new doors to those who are artistic.

The *Science Without Borders® Challenge* is a perfect example of STEAM. Through art, students can convey important marine conservation themes, while learning science. In turn, by creating artwork for the *Challenge*, these young artists inspire people around the world to conserve the ocean.

Are you looking for educational materials to extend and reinforce the knowledge that your students will obtain by participating in the *Challenge*? Look no further.

The Khaled bin Sultan Living Oceans Foundation has created an extensive *Coral Reef Ecology Curriculum* to engage and inspire students to learn about coral reefs and to become stewards of this vital ecosystem, while increasing ocean literacy.

There are a variety of educational materials including reading exercises, videos, background information and lesson plans available on the Khaled bin Sultan Living Oceans Foundation website. These education materials can be found at *www.lof.org/CoralReefCurriculum*.

Children's Online Privacy Protection Act (COPPA) Privacy Notice

Children's Online Privacy Protection Act (COPPA) requires that we gain verifiable consent for your child to participate in the contest. We are asking for your permission to retain your child's information (first and last name, age, grade level and school; teacher first and last name, phone number, and email address; parent/guardian first and last name, primary phone number, and email address) for the purpose of monitoring the program participation, for allowing contest entries and content submissions, for notifying contest winners, and handing out prizes. If you consent, we may use your child's name, grade, and location (city, state (if USA) and/or country) to promote the contest.

Dear Parent/Guardian,

Your child has entered the *Science Without Borders® Challenge*, a free, international art contest hosted by the Khaled bin Sultan Living Oceans Foundation. This *Challenge* was created to get students and teachers more involved and interested in ocean conservation through various forms of art.

For the contest, your child has provided information (first and last name, age, grade level and school; teacher first and last name, phone number, and email address; parent/guardian first and last name, primary phone number, and email address) and his/her artwork for the *Science Without Borders® Challenge*. Since your child is under the age of 13, the information collected will be kept confidential in compliance with COPPA and other similar state and federal laws.

The Khaled bin Sultan Living Oceans Foundation is the sole owner of all of the information that is collected during the contest.

- The personal information provided by the child is used for monitoring the program participation, for allowing contest entries and content submissions, for notifying contest winners, and handing out prizes.
- Only with parent/guardian consent, the child's name, grade, and location (city, state (if USA) and/or country) may be used to promote the contest. This includes, but is not limited to promotion on social media, websites, etc.
- The operator will not require a child to disclose more information than is reasonably necessary to participate in the contest as a condition of participation.
- No information will be disclosed to third parties; this means that information will not be shared with any businesses and/or added to any mailing lists.
- The parent can review the child's personal information, ask to have it deleted and refuse to allow any further collection or use of the child's information. Parents/guardians should contact the project coordinator, Amy Heemsoth with questions and/or concerns.

Please fill out the attached consent forms.

The contact person for any inquiries regarding the *Science Without Borders® Challenge* is:

Amy Heemsoth, Director of Education
Khaled bin Sultan Living Oceans Foundation
7 Old Solomons Island Rd, Suite 200
Annapolis, MD 21401 USA
education@lof.org

For more information about the contest go to *www.lof.org/SWBChallenge*.

Children's Online Privacy Protection Act (COPPA) Privacy Notice Form

Khaled bin Sultan Living Oceans Foundation
COPPA Parent/Guardian Consent Form

Fill in the online _Entry Form_ and upload this form along with a photo or scan of your child's artwork.

I, _____ (print parent/guardian name), the parent or legal guardian

of _____ (print child's name), have had the opportunity to review the Khaled bin Sultan Living Ocean's Foundation COPPA Privacy Policy. By signing below, I authorize my child to provide personal information for the _Science Without Borders® Challenge_.

I understand that in consenting to my child's registration for the _Science Without Borders® Challenge_, I am enabling my child to participate in the contest.

By checking the "Yes" box below, my child's name, grade, and location (city, state (if USA) and/or country) may be used to promote the _Science Without Borders® Challenge_.

Yes, my child's first and last name, grade, and location (city, state (if USA) and/or country) may be used to promote the contest.

No, my child's first and last name, grade, and location (city, state (if USA) and/or country) may be used to promote the contest.

I also understand that it is important to provide accurate information in this consent form so that the Khaled bin Sultan Living Oceans Foundation may contact me. Parent/Guardian may be contacted regardless of whether their child has won the _Science Without Borders® Challenge_. The parent/guardian of the winning entries may be contacted about the delivery of the prize.

Parent/Guardian Signature _____ Dated: _____

Parent/Guardian Email Address:

Parent/Guardian Primary Phone Number:

Applicant Checklist

Are you ready to submit? Here is a checklist to help you to remember all of the steps.

If I'm under the age of 13, my parent/guardian has filled out the _Children's Online Privacy Protection Act (COPPA) Privacy Notice Form_ (page 6) so that I can send it with my _Entry Form_.

My description of how my artwork relates to the contest's theme is thorough and easy to understand.

My artwork and description of the artwork is not plagiarized.

I informed the teacher that I listed him/her as my point of contact on my _Entry Form_ for the _Science Without Borders® Challenge_.

I created a high-quality scan or photograph of my artwork. See _Guidelines for Submitting Artwork._

I will electronically send my _Entry Form_ with a scan or photograph of my artwork and _COPPA Form_ (if applicable) by Monday, April 20, 2020.

Q&A

Q: **How do I submit my artwork?**

A: Fill out the online *Entry Form and* upload a scan or photograph of your artwork. We are only requesting the original artwork from participants who place as semi-finalists. If you are under the age of 13, you will also submit a *COPPA Form* with your *Entry Form*.

Q: **Will I get my art back if I am a semi-finalist?**

A: No, all submissions are considered property of the Khaled bin Sultan Living Oceans Foundation. If you would like a copy of the artwork for your portfolio, please scan or photograph it before sending the artwork to us.

Q: **How do I create a scan or photograph of my artwork?**

A: Please see the *Guidelines for Submitting Artwork*.

Q: **I'm not finished creating my artwork. Can I get an extension?**

A: No, the deadline is the last day we will accept artwork. If we do not receive artwork by this deadline, it will be disqualified. No extensions will be granted.

Q: **Do I really have to write a description?**

A: Yes, many previous winners have beaten other finalists simply because they had a better description. The description may be the difference between you getting third or fourth place, or even being considered a finalist at all. For more information about how we score your submission, please see the *Grading Rubric* (page 11). Here is a good example of a beautiful piece of artwork and a great description that explains the artwork in relation to the theme and expresses more about her artwork. As a viewer, you may not have understood the meaning behind the art without reading the attached description. When writing your description, think about what you want the viewer to understand about your artwork. The theme was *Why Coral Reefs Matter*.

"*Coral reefs provide beauty and life. The girl personifies the last coral in a vast empty ocean. Coral reefs provide oxygen and habitats that are vital for fish and other animals to live. They are also the most biodiverse water ecosystem. This is demonstrated by the diverse life surrounds and flocks to her in hopes of finding a home and oxygen. Light illuminates on the last coral reef symbolizing the potential hope for revitalizing coral reefs. Life only exists around the coral reefs and the ocean not near her is void and desolate. There is a stark contrast between where there is coral and where there is not. Where there are coral reefs, there is life, beauty, and diversity. Where there is not, there is vast dark emptiness.*"

Q: **Can I just copy information for my description from a website that I used for inspiration?**

A: No, plagiarism is grounds for disqualification. Plagiarism is the use of someone else's work, either word-for-word or with the ideas in the same order. All descriptions must be in your own words. Additionally, artwork must also be your own idea. For instance, drawing a character from a cartoon or movie is not considered an original work. Copying someone else's artwork ideas is also plagiarism.

Q: I do not live in the USA, do I need to fill out the *COPPA Form*?

A: All entries for students under the age of 13, regardless of location, must complete a *COPPA Form* or they will not be eligible for the contest.

Q: What if I don't fill out all of the paperwork?

A: You will be disqualified if we do not have all of the information that is required. This includes the information on the *Entry Form, COPPA Form* (if applicable), and a scan or photograph of the artwork.

Q: How will I know if I win?

A: We will contact the winners, parents/guardians, and teachers through email when the *Challenge* has been completed. Also, results will be posted on our web page and social media pages.

- **Facebook**: *www.facebook.com/livingoceansfoundation*
- **Twitter**: *www.twitter.com/LivingOceansFdn*
- **Website**: *www.lof.org/SWBChallenge*

Q: Why do you need so many email addresses (e.g., parent/guardian, teacher)?

A: We previously had trouble contacting entrants. Please make sure to review the information on your *Entry Form* and the back of your artwork before submitting. Do not use the same email for your parent/guardian and teacher. By providing multiple email addresses, we are assured to have a way to contact you. Also, we may want to contact your school, so that they too can publicize your contest results.

Q: Can anyone enter the *Science Without Borders® Challenge*?

A: Anyone in any part of the world who is between the ages of 11 and 19 and enrolled in primary or secondary school or the homeschool equivalent may enter. College and university students are not eligible for this contest. If you are 11 or 12 years old, make sure that you submit the *COPPA Form* to be eligible.

Q: I am 10 years old; however, I turn 11 in May. Can I enter the *Challenge*?

A: You may participate in the *Challenge* as long as you turn 11 by Monday, April 20, 2020.

Q: What if you get my artwork mixed up with someone else?

A: Please be sure to label the scan or photograph of your artwork as "Your Family or Last Name, First Name" (For example: Heemsoth, Amy). This should be the same information that you listed on your *Entry Form.*

Q: Can I make a sculpture, pottery, collage, or digital artwork?

A: No, all submissions must be 2-dimensional, which means that they are flat. 2-dimensional artwork is considered a painting or drawing. Do not attach objects to the painting or drawing because then the artwork is then considered 3-dimensional artwork, which will be disqualified. We do not accept digital artwork, which is created using electronic devices such as computers, ipads, etc.

Q: Can I add words to my artwork?

A: As long as the phrases are not plagiarized or created digitally, then yes. Keep in mind that words can distract from the art itself. See the *Grading Rubric* (page 11) for more information about how we score your submission.

Q: Can I submit more than one piece of art?

A: No, only one submission per student, please.

Q: What do I get if I win?

A: 1st Place: $500; 2nd Place: $350; 3rd Place: $200 cash prize; Each winner will also receive a certificate.

Q: Will I receive a certificate?

A: Yes, all participants will receive a digital certificate.

Q: Why do I have to list my teacher on the *Entry Form*?

A: We want to be able to inform and thank your school. It also provides us with another point of contact in case we have trouble getting a hold of you or your parent/guardian. You can list an art, science, or another teacher that you currently have a class with. Please inform your teacher that you listed him/her as your point of contact on your *Entry Form*.

Q: I'm over 18, do I have to put down my parent/guardian information?

A: Yes, we need multiple points of contact, so we are able to get in touch with you.

Q: Do you have any other advice for when I create my artwork?

A: Please review the *Grading Rubric* (page 11). We receive many beautiful pieces of artwork; however, they do not always reflect the theme and some are not very unique. Think outside the box and use your own creativity to develop a unique art piece. View past winners to see what types of artwork have won in the previous years, but do not replicate their ideas. This is plagiarism. Past participants artwork can be found on our website at *www.lof.org/SWBChallenge*. Also, make sure to fully research the theme and be sure that it is affectively translated in your artwork. Ask others to critique your idea before you start creating your artwork.

Q: Where can I find resources to learn more about coral reefs?

A: The Khaled bin Sultan Living Oceans Foundation offers free education materials for students, teachers, and the general public. There are videos, written descriptions, worksheets, an so much more available for your use. These materials can be found online at *www.lof.org/CoralReefCurriculum*.

Criteria	5	4	3	2	1
Understanding of Theme 1 to 5 points (each category worth 1 point)	The artist shows an **exceptional** understanding of the theme "Take Action: Conserve Coral Reefs" and translates that theme effectively into the artwork and written description.	The artist shows an **above average** understanding of the theme "Take Action: Conserve Coral Reefs" and translates that theme effectively into the artwork and written description.	The artist shows an **average** understanding of the theme "Take Action: Conserve Coral Reefs" and translates that theme effectively into the artwork and written description.	The artist shows a **poor** understanding of the theme "Take Action: Conserve Coral Reefs" and attempts to translate that theme into the artwork and written description.	The artist shows **no** understanding of the theme "Take Action: Conserve Coral Reefs" and does not translate the theme effectively into the artwork and written description.
Elements of Art (Visual components of artwork) 1 to 5 points	The artist has an **exceptional** understanding of the elements of art, such as line, shape, form, value, composition, and color, and uses them in a successful way to communicate the theme.	The artist has an **above average** understanding of the elements of art, such as line, shape, form, value, composition, and color, and uses them in a successful way to communicate the theme.	The artist has an **average** understanding of the elements of art, such as line, shape, form, value, composition, and color, and uses them in a successful way to communicate the theme.	The artist has a **poor** understanding of the elements of art, such as line, shape, form, value, composition, and color, and does not use them in a successful way to communicate the theme.	The artist has **no** understanding of the elements of art, such as line, shape, form, value, composition, and color, and does not use them in a successful way to communicate the theme..
Creativity (Artist's originality) 1 to 5 points	The artist shows an **exceptional** understanding of the following: • distinctive, individual style • originality and risk-taking • divergent or inventive thinking	The artist shows an **above average** understanding of the following: • distinctive, individual style • originality and risk-taking • divergent or inventive thinking	The artist shows an **average** understanding of the following: • distinctive, individual style • originality and risk-taking • divergent or inventive thinking	The artist shows a **poor** understanding of the following: • distinctive, individual style • originality and risk-taking • divergent or inventive thinking	The artist shows **no** understanding of the following: • distinctive, individual style • originality and risk-taking • divergent or inventive thinking
Craftsmanship (Artist's skill & overall neatness) 1 to 5 points	The artist demonstrates **exceptional** skill and a **clear** understanding and application of specific medium qualities. Artwork is created and maintained neatly. No tears, smudges, or stray marks.	The artist demonstrates **above average** skill and **some** understanding and application of specific medium qualities. Artwork is created and maintained fairly neatly. No tears, minimal smudges or stray marks.	The artist demonstrates **average** skill and a **partial** understanding and application of specific medium qualities. Artwork is created and maintained with an attempt at neatness. Artwork may be torn, smudged or have stray marks.	The artist demonstrates **poor** skill and **little** understanding and application of specific medium qualities. Artwork is poorly created and maintained. Artwork is torn, smudged, or has stray marks that distract from the image.	The artist demonstrates **no** skill, understanding, or application of specific medium qualities. Artwork is not finished, was folded, crumpled up, ripped, etc.
Visual Impact (Artwork visually & aesthetically pleasing) 1 to 5 points	The artist portrays **exceptional** and **unique** organization of art elements. Content and execution create a striking and memorable work. It has the power to **"wow"** the viewer.	The artist portrays **above average** organization of art elements. Content and execution create a memorable work. The work has a **lasting impact** on the viewer.	The artist portrays **average** organization of art elements. Content and execution create a cohesive work. The work **holds the viewer's attention**.	The artist portrays **poor** organization of art elements. Content and execution create a somewhat cohesive work. There is **little impact** on the viewer.	The artist portrays **no** organization of art elements. Content and execution create an incohesive work. There is a **negative impact** on the viewer.

Khaled bin Sultan
Living Oceans
Foundation