

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 not 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.



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. You must send your original artwork. Digital copies of artwork are NOT permitted.
5. All submissions must be made by an individual artist. Group submissions are not permitted.
6. Participants may submit only 1 art piece.
7. Write your first and last name and age in pencil on the back of your artwork. Also include the same teacher's first and last name, email, and phone number that you listed on your *Entry Form*.
8. Fill out all required information on the *Entry Forms* (online only). Make sure to fill out this form before you mail your artwork.
9. Artwork and art descriptions may be used in publications and distributed to the media.
10. The Khaled bin Sultan Living Oceans Foundation reserves the right to disqualify artwork deemed offensive.
11. If the explanation of artwork or the artwork itself is plagiarized, then it will be disqualified.
12. Entries that do not comply with all of the contest rules will be disqualified.

SUBMISSION

Contestants must submit a digital Entry Form with their submission. Make sure you fill out this form before you mail your 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*. Mail the COPPA Form with your original artwork.

All original artwork should be mailed to:

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



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 12.

DEADLINE

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

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

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

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.

FOR TEACHERS

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

Please print out this form and mail it with your artwork to *Khaled bin Sultan Living Oceans Foundation, Science Without Borders® Challenge, 7 Old Solomons Island Rd, Suite 200, Annapolis, MD 21401 USA.*

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 your artwork? Here is a checklist to help you to remember all of the steps.

I sent my electronic copy of my Entry Form before mailing my artwork and I received a confirmation email.

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 artwork.

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.

My first name, last name, and age are written in pencil on the back of my artwork. I have also written my teacher's first and last name, email, and phone number on the back of my artwork. Make sure that you write the same information that you entered on the electronic Entry Form.

My artwork will arrive on or before Monday, April 20, 2020 at 11:59 pm (Eastern Standard Time).

I informed the teacher that I listed him/her as my point of contact on my Entry Form for the *Science Without Borders® Challenge*.

If you have checked all of the relevant boxes above, then you are ready to submit. Please send entries to:

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

USA



Q&A

Q: Will I get my art back?

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: Does the deadline mean I should have it mailed by then (i.e., postmarked)?

A: No, the deadline is the last day we will accept artwork arriving at our office. 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 12). 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: I am a teacher, can I submit work for my students?

A: Yes, we encourage teacher submissions! Be sure each entry has the first and last name of the artist and their age written in pencil on the back of it. Also, please include your (teacher's) first and last name, email, and phone number on the back of the artwork. If your student(s) are under the age of 13, make sure the *COPPA Form* is completely filled out for each one. The artwork can be shipped in one package.

Q: I'm worried about packaging, what do you suggest?

A: If you are sending the artwork in a flat package, put something rigid in with it, so it does not get bent. This seems to minimize damage, but you may want to make sure the art is protected on both sides with additional packaging. We recommend that you do not fold your artwork. If you can roll your artwork, we suggest putting the artwork in a mailing tube.

Q: How will I know if you received my artwork?

A: We do not send confirmation emails. Please add tracking to your shipment. Tracking will allow you to track the status of your package.

Q: Can I submit a digital copy of my artwork?

A: No, we require the submission of the original artwork. Digital copies of artwork will be disqualified.

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 the information on the back of the artwork (your first and last name and age; your teacher's first and last name, email, and phone number).

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 write your first and last name and age, in pencil, on the BACK of your artwork so this does not happen. Also include your teacher's first and last name, email, and phone number on the BACK as well. 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 12) 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: Do I have to fill out the *Entry Form* online?

A: Yes, we no longer accept a paper copy of the *Entry Form*. Make sure that you fill out the online form before sending the artwork. If we can't find your online *Entry Form* when your artwork arrives, then you may be disqualified.

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 12). 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.

Q: Should I attach my COPPA Form to the back of my artwork?

A: Please do not glue or tape your *COPPA Form* to your artwork. It is best to use a paper clip to attach it. For teachers, sending in multiple pieces of artwork, it's best to place all of the *COPPA Forms* in one folder. You may send the *COPPA Forms* with the students' artwork.



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 “ <i>Take Action: Conserve Coral Reefs</i> ” and translates that theme effectively into the artwork and written description.	The artist shows an above average understanding of the theme “ <i>Take Action: Conserve Coral Reefs</i> ” and translates that theme effectively into the artwork and written description.	The artist shows an average understanding of the theme “ <i>Take Action: Conserve Coral Reefs</i> ” and translates that theme effectively into the artwork and written description.	The artist shows a poor understanding of the theme “ <i>Take Action: Conserve Coral Reefs</i> ” and attempts to translate that theme into the artwork and written description.	The artist shows no understanding of the theme “ <i>Take Action: Conserve Coral Reefs</i> ” 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: <ul style="list-style-type: none"> • distinctive, individual style • originality and risk-taking • divergent or inventive thinking 	The artist shows an above average understanding of the following: <ul style="list-style-type: none"> • distinctive, individual style • originality and risk-taking • divergent or inventive thinking 	The artist shows an average understanding of the following: <ul style="list-style-type: none"> • distinctive, individual style • originality and risk-taking • divergent or inventive thinking 	The artist shows a poor understanding of the following: <ul style="list-style-type: none"> • distinctive, individual style • originality and risk-taking • divergent or inventive thinking 	The artist shows no understanding of the following: <ul style="list-style-type: none"> • 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

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