

# OPIHI Student Agreement to Be Part of the OPIHI Study

"Teaching Science as Inquiry: Our Project in Hawaii's Intertidal (OPIHI)"  
Kanesa Duncan Seraphin—Lead Researcher  
(808) 956-4439

My name is Kanesa Duncan Seraphin. I work at the University of Hawai'i. I am asking you to be part of a research study that Joanna Philippoff and I are doing. The study is called "Our Project in Hawaii's Intertidal". We call it OPIHI for short. There will be about 1,000 other students in this study.

**What is this study about?** We are looking at ways to teach science and learn about the ocean. Your teacher is part of this study. We are also asking you to be part of this study by completing a survey.

**What will you do and how long will it take?** Before OPIHI starts, you will answer a survey that is about 30 questions. The questions will ask you about the ocean and how scientists study it. The questions will take you about 30 minutes to answer. At the end of OPIHI, you will answer the same questions again. You will also answer 15 more questions about how much you liked OPIHI and about some of the things you learned. It will take you about 45 minutes to answer the survey questions at the end of OPIHI.

**Do you have to be part of the study?** No. You will need to do the OPIHI schoolwork with your class, but it is your choice if you want to join the study part of OPIHI. Your parents also have to agree that it is okay. You can stop being part of the study at any time by telling your teacher. Your grades will not change because of the study. If you do not want to be part of the study, your teacher will give you a different activity to do during the OPIHI survey.

**What if you have questions?** If you have any questions, you can call or email me. My phone number is (808) 956-4439. My email is [kanesa@hawaii.edu](mailto:kanesa@hawaii.edu). Your parents can also call me. You can also call the University of Hawaii Committee on Human Subjects. This office helps people who are part of research studies. Their phone number is (808) 956-5007.

**Will people know what you answered on the survey?** No. We will not use your real name or other information about you when we share this study. Your survey will be kept in a locked drawer until the end of the study. After the study is over, we will destroy your survey.

**Will being a part of this study help you?** We think that being a part of this study will help you think about how you learn. The study will also help scientists learn about ways to teach.

**Will being a part of this study hurt you?** We do not think that being a part of this study will hurt you. But if you feel upset at any part of the survey, let your teacher know so that you can skip the question, take a break, or stop.

**What more information is needed for this study?** We would like to use photos and video of the OPIHI activities that you do with your teacher. We would also like to use your schoolwork from these activities. Please check "YES" in the boxes if you agree. Check "NO" if you do not agree.

YES  NO  You may use my **schoolwork** from my school science OPIHI lessons.

YES  NO  You may use **video** of me doing my school science OPIHI lessons.

YES  NO  You may use **photos** of me doing my school science OPIHI lessons.

## Student:

By signing this paper, I agree to be part of the OPIHI study. I read and understand this paper. I understand that my survey answers will be talked about with other scientists, written about in science reports, and printed in public places like the newspaper. If I checked YES, I understand that my schoolwork, video, and photos of me may also be shared and printed.

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

A copy of this paper will be given to you so you can read and think about this information again.

# Guardian Agreement for Child to Be Part of OPIHI Study

"Teaching Science as Inquiry: Our Project in Hawaii's Intertidal (TSI: OPIHI)"  
Kanesa Duncan Seraphin—Lead Researcher  
(808) 956-4439

My name is Kanesa Duncan Seraphin. I work at the University of Hawaii. I am asking you to allow your child to be part of a research study that Joanna Philippoff and I are doing. The study is called "Teaching Science as Inquiry: Our Project in Hawaii's Intertidal". We call it OPIHI for short. We are working with your child's teacher to look at ways to teach and learn ocean science. We are looking at an area of the ocean called the intertidal. The intertidal is the area on the beach between high tide and low tide. There will be about 1,000 other students in this study.

**Project Activities and Time:** Before OPIHI starts; your child will take part in this research study by answering a survey that is about 30 questions. The questions are about the intertidal and how scientists study it. The questions will take about 30 minutes to answer. At the end of OPIHI your child will answer these questions again. They will also answer about 15 more questions about how much they liked OPIHI and some of the things they learned. It will take about 45 minutes to answer the survey questions at the end of OPIHI.

**Risks and Benefits:** We think that taking part in this research study will help your child think about how they learn. This study will also help scientists learn about ways to teach science. We think that taking part in this study has little to no risk. However, if your child becomes upset answering a survey question they can skip the question or take a break. If they continue to be upset, we will stop their participation and let you know.

**Privacy and Confidentiality:** During and after this study, we will protect your child's privacy. We will not print your child's name or other any other information about them. The information we collect will be confidential (private). However, people whose job is it to protect students who take part in research studies, such as the University of Hawaii Committee on Human Studies, are allowed to look at the information we collect. This form and your child's surveys will be kept in a locked drawer in our office and destroyed when the study is over.

**Optional Participation:** Taking part in this study is optional. Your child will need to do the OPIHI schoolwork with their class, but they do not have to join the study part of OPIHI. You are free to remove your child from this study at any time. Your child is also free to remove themselves at any time. To remove your child from this study, let me or your child's teacher know. Your child may also let me or their teacher know. Taking part in this study will not affect your child's grades or their relationship with their teacher. If your child does not participate in the study, their teacher will give them a different activity to do during the survey.

**Questions:** If you have any questions about this research study, please call or email me at (808) 956-4439 or kanesa@hawaii.edu. If you would like to look at the survey, a copy of it will be in your child's school office. You can also ask me to show you the survey. You can also contact the University of Hawaii Committee on Human Studies. Their number is (808) 956-5007.

**Agreements:** We would also like to look at and use your child's OPIHI schoolwork as well as videos and/or photos of your child doing OPIHI lessons. Please check "YES" in the boxes if you agree. Check "NO" if you do not agree.

YES  NO  You may use my child's **schoolwork** from their OPIHI lessons.

YES  NO  You may use **videos** of my child doing OPIHI lessons.

YES  NO  You may use **photos** of my child doing OPIHI lessons.

**Parent:** By signing this paper, I agree that my child can participate in the research project "Teaching Science as Inquiry: Our Project in Hawaii's Intertidal (TSI: OPIHI)". I have read and understand this paper. I understand that my child's survey answers will be talked about with other scientists, written about in reports, and printed in public places like the newspaper. If I checked "YES" I understand that my child's schoolwork and video and/or photos of my child may also be shared and printed.

\_\_\_\_\_  
Your Name (printed)

\_\_\_\_\_  
Child's name (printed)

\_\_\_\_\_  
Your Signature

\_\_\_\_\_  
Date