

LEVEL 1 – SAFETY and ETHICS IN YOUR PROJECT DESIGN

For students in Grades 4 – 6, prior to beginning any experimentation speak to an adult or teacher supervisor to confirm that any experimentation with Invertebrates, Animals or Humans **will not cause any harm to yourself or your subjects**. Please ask for assistance if you question whether something is safe or ethical. For Students in Grade 4 – 6, it is not necessary to fill out the Safety and Ethics Forms, however you may do so if you wish or if you require clarification.

For students in Grades 7 – 12, prior to beginning any experimentation if you are studying Invertebrates, Vertebrates/Decapods/Cephalopods (Animals) or Humans (including conducting surveys) it is **MANDATORY** that you and your adult supervisor read and abide by the following information and fill out the applicable forms and forward them to entry.WRSTEF@gmail.com for approval:

INVERTEBRATES	ANIMALS/DECAPODS/ CEPHALOPODS	HUMANS	
Read Document 1 – Use of Invertebrates	Read Document 2 - Use of Vertebrate Animals, cephalopods & Decapod	Read Document 3 – Participation of Humans in Research – Low Risk Read Document 4 – Participation of Human in Research – Significant Risk	
<input type="checkbox"/> My adult supervisor and I have read and confirm that my project meets the guidelines set out in the YSC policy for “The Use of Invertebrates”	<input type="checkbox"/> My adult supervisor and I have read the guidelines set out in the YSC policy for “The Use of Vertebrate Animals, Decapods or Cephalopods”	<input type="checkbox"/> My adult supervisor and I have read both documents in the YSC policy dealing with Human Research in low risk and significant risk situations and determined which category my project falls into	
		HUMAN - LOW RISK	HUMAN – SIGNIFICANT RISK
	<input type="checkbox"/> Complete Form 2a – Use of Animals Research Plan	<input type="checkbox"/> Complete Form 3a – Human Low Risk – Letter of Information and if applicable copy of survey used to collect participant data	<input type="checkbox"/> Complete Form 4a – Human Significant Risk – Letter of Information and if applicable copy of survey used to collect participant data
	<input type="checkbox"/> Complete form 2b – Request for Advice or Ethics Ruling	<input type="checkbox"/> Complete Form 3b – Letter of Consent (will need to be approved by ethics committee and then filled out by each participant and entered into your log book)	<input type="checkbox"/> Complete 4b – Letter of Consent (will need to be approved by ethics and then filled out by each participant and entered into your log book)
	<input type="checkbox"/> Complete Form 2c – Use of Vertebrate Animals in Research Approval (mandatory approval from regional ethics committee)	<input type="checkbox"/> Complete Form 3c – Participation of Humans in Research – Low Risk Approval (mandatory approval required by regional ethics committee)	<input type="checkbox"/> Complete Form 4c – Participation of Humans in Research – Significant Risk Approval (mandatory approval required by regional ethics committee)
		<input type="checkbox"/> Form 3d – Physical Exercise Permission (if applicable) (will need to be filled out by each participant and entered into your log book)	<input type="checkbox"/> Form 4d – Physical Exercises Permission (if applicable) (will need to be filled out by each participant and entered into your log book)
		<input type="checkbox"/> Form 3e – Request for Advice or Ethics Ruling (if necessary)	<input type="checkbox"/> Form 4e – Request for Advice or Ethics Ruling (mandatory)

The above forms can also be found at the following link at Youth Science Canada:

<https://youthscience.public.doctract.com/doctract/documentportal/08DAEF4FCB7D3E2646DBD501EF460F34>