

20
22



FINAL REPORT

Wild Kidz

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B.C. WILDLIFE FEDERATION

The B.C. Wildlife Federation (BCWF) is B.C.'s oldest and longest lasting conservation group. Representing 43,000 members province-wide, including over a hundred hunting and angling clubs, BCWF members are on the front lines of B.C.'s wilderness. Education is a critical value for the BCWF. The BCWF aims to develop and support comprehensive educational programs to make all British Columbians aware of the value of fish, wildlife, park, and outdoor recreational resources, and to arouse in the public conscience a recognition of, and a respect for, the place of fish, wildlife and outdoor recreation in the wise, integrated use of the province's natural resources. By providing scientific and fact-based information through presentations, games, and activities, Wild Kidz prepares its youth participants to not only understand but also to share and use the information they receive with their local communities. Wild Kidz is part of BCWF's long-term mission to protect, enhance, and promote the wise use of the environment for the benefit of present and future generations.



A MESSAGE FROM PRESIDENT CHUCK ZUCKERMAN

With climate change negatively impacting our beautiful province's ecosystems, fish, and wildlife, it is becoming increasingly apparent that we as outdoor stewards must invest in B.C.'s future. Perhaps one of our greatest and most powerful resources in protecting the province is our youth. By enabling the next generation to become passionate about conservation, we ensure the long-term management of B.C. for years to come.

B.C. Wildlife Federation (BCWF) began this investment in our youth 12 years ago, with the establishment of our first youth program Wild Kidz. Since then, BCWF Youth Programs has grown to include seven unique programs, which aim to spark curiosity, increase knowledge about conservation, and develop a lasting relationship with the natural world for participating youth. Most importantly, our programs are designed to be a fun, positive experience for youth to become engaged in the world of the outdoors.

Wild Kidz is designed to introduce youth into the world of conservation and outdoor recreation, and inspire campers with the knowledge and ability to mobilize within their communities and protect, enhance, and restore B.C.'s fish, habitat and wildlife.

CHUCK ZUCKERMAN

President B.C. Wildlife Federation



WILD KIDZ 2022

In the summer of 2022, BCWF Youth Programs was thrilled to run five Wild Kidz day camps for British Columbian children and youth. Following the preceding summer where we were only able to host in-person camps in the Lower Mainland, hosting several camps across the province allowed us to inspire more youth to become the next generation of outdoor leaders.

Following the reduction of COVID-19 related travel restrictions, we were able to facilitate our Wild Kidz program in a variety of communities across British Columbia, including Surrey, Invermere, Dawson Creek, and Fort St. John. Many of these communities had hosted our Wild Kidz camp in the past, and it was wonderful to return.

The ability to travel within B.C. allowed us to continue our mandate to education the province's youth on conservation topics. This also allowed us to reach a wider audience, as we were able to host more camp sessions and engage with a larger audience due to increased demand.

Our team conducted a careful risk assessment of our camp and thoroughly reviewed the Provincial Health Authority's guidance in the months before camp. In doing so, we were able to construct an updated COVID-19 safety plan and ensure the program would have a low risk of virus transmission.



TABLE OF CONTENTS

Overview	1
Wild Kidz Summer Schedule	2
Surrey Wild Kidz Camp Schedule	3
Clubs Wild Kidz Camp Schedule	4
Surrey Wild Kidz Camp Breakdown	5
Clubs Wild Kidz Camp Breakdown	6
Learning Outcomes	7
Camper Quiz Results	8
Parent Survey	13
Camper Survey	14
Thank you, funders and in-kind Support	15

OVERVIEW

In summer of 2022, we scheduled five Wild Kidz camps throughout July and August. Our camps took place in a variety of locations, including Surrey, Invermere, Dawson Creek and Fort St. John.

Wild Kidz serves youth aged 8 - 17; campers engaged in activities such as kayaking, archery, crabbing and fishing. Several activities focused on outdoor skills development, including shelter building, wayfinding, and fire building. Additionally, youth learned about conservation and wildlife in the province through lessons and supplemental activities. Overall, this program aimed to introduce its campers to the world of conservation and outdoor recreation.

WILD KIDZ CAMP HIGHLIGHTS



142 REGISTERED CAMPERS



SURREY, INVERMERE,
DAWSON CREEK & FORT ST. JOHN



8 BCWF STAFF



ARCHERY, OUTDOOR SKILLS,
WILDLIFE EDUCATION, &
CONSERVATION



WILD KIDZ: SUMMER SCHEDULE

This year, we held five Wild Kidz camps in several locations across the province. Though each camp followed the same basic schedule, activities were adapted to the specific location to better take advantage of place-based learning methods.

WILD KIDZ I: JULY 4-8

The first in-person camp of the summer for B.C. Wildlife Federation, this Wild Kidz camp started us off strong with our largest group of campers! Camp was held at Crescent Beach in Surrey and had 31 youth in attendance.



WILD KIDZ II: JULY 11-15

The second Wild Kidz camp also took place at Crescent Beach in Surrey, and had lots of sunshine and smiles! The 29 youth had great success with kayaking, crabbing and archery.



WILD KIDZ III: JULY 25-29

The third Wild Kidz camp was located at Lake Windermere District Rod & Gun Club, and was filled with outdoor adventure! This camp was completely full, with 30 youth joining us for the week.



WILD KIDZ IV: AUGUST 15-19

The fourth Wild Kidz camp took place at the Dawson Creek Sportsmen Club, where we had our most successful fishing day! This week of camp had 25 youth in attendance.



WILD KIDZ V: AUGUST 22-26

The fifth and final Wild Kidz camp of the summer was located at the North Peace Rod & Gun Club in Fort St. John. This exciting week was the perfect way to end the summer with 27 youth in attendance.



SURREY WILD KIDZ CAMP SCHEDULE

Our Surrey camp schedule followed a similar structure to our 2021 camps in most ways. Activities were categorized as outdoor skills, conservation, archery, games or conservation project.

Due to location limitations, neither Surrey Wild Kidz camps had a range day or wetlands program. Please note that activity times varied due to weather, camper interest, and other factors.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30	Drop-off, sign-in	Drop-off, sign-in	Drop-off, sign-in	Drop-off, sign-in	Drop-off, sign-in
9:00	Pre-Quiz	Archery (A/B/C) Safety Orientation	5 Senses Hike (A/B)	Games Phobia	Quiz
9:30	Archery (A/B) String Bow & 11 Steps	Games (A/B/C) Octopus	Archery (A/B) Basics & DIY Targets	Outdoor Skills (A/B) Shelter Building	Conservation Project (A/B) Invasive Plant Removal
10:00					
10:30					
11:00	Conservation (A/B) Plant Pressing	Outdoor Skills (A/B/C) Raptors		Archery (A/B) 3D Targets	Archery (A/B) Qualifiers
11:30					
12:00		Lunch	Lunch	Lunch	
12:30	Lunch	Travel to Blackie Spit	Travel to Blackie Spit	Travel to Blackie Spit	Lunch
13:00	Travel to Blackie Spit	Outdoor Skills (A/B) Kayaking	Outdoor Skills (A/B) Orienteering	Conservation (A/B) Climate Change	Archery Tournament
13:30	Orientation to Crescent Beach				Fun / Slip n' Slide / Treats
14:00	Outdoor Skill (A/B) First Aid			Games (A/B) Tanks & Minefield	
14:30		Conservation (A/B) Coastal Walk	Outdoor Skills (A/B) Fishing & Crabbing	Games (A/B) Predator & Prey	Early Pick-Up
15:00	Games (A/B) Capture the Flag				
15:30					
16:00	Travel to Camp Alex	Travel to Camp Alex	Travel to Camp Alex	Travel to Camp Alex	
16:30	Pick-Up, Sign-Out	Pick-Up, Sign-Out	Pick-Up, Sign-Out	Pick-Up, Sign-Out	

CLUBS WILD KIDZ CAMP SCHEDULE

Our Invermere, Dawson Creek and Fort St. John Wild Kidz camps all took place at local Rod & Gun Clubs, and therefore included a range day component. Camp schedules followed a very similar structure to our Wild Kidz Surrey camps otherwise.

Please note that activity times varied due to weather, camper interest, and other factors.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30	Drop-off, sign-in	Drop-off, sign-in	Drop-off, sign-in	Drop-off, sign-in	Drop-off, sign-in
9:00	Pre-Quiz	Archery (A/B)	Travel to Fishing Hole	Range Day & Archery 3D Targets (A/B/C)	Quiz
9:30	Archery (A/B) String Bow & 11 Steps	Safety Orientation	Fishing Orientation		Conservation Project (A/B) Nesting Box Construction
10:00		Conservation (A/B)	Conservation (A/B)		
10:30		Climate Change	Fishing		
11:00	Conservation (A/B) Wetlands & Invertebrates	Games Predator & Prey	Games (A/B) Werewolf		Archery (A/B) Qualifiers
11:30					
12:00		Lunch	Lunch		
12:30	Lunch	Outdoor Skills (A/B) Shelter Building	Travel to Club	Lunch	BBQ
13:00	Games Octopus		Archery (A/B) Basics & DIY Targets	Conservation (A/B) Cervids	Archery Tournament
13:30	Outdoor Skills (A/B) First Aid				BBQ
14:00	Outdoor Skills (A/B) Fire Building	Conservation (A/B) Invasive Species	Outdoor Skills (A/B) Orienteering	Early Pick-Up	
14:30					
15:00		Games (A/B) Capture the Flag	Conservation Raptors		Water Games
15:30					
16:00			Games		
16:30	Pick-Up, Sign-Out	Pick-Up, Sign-Out	Pick-Up, Sign-Out	Pick-Up, Sign-Out	

SURREY WILD KIDZ DAILY BREAKDOWN

Day 1:

Campers started off the day with icebreaker games, creating a camp contract for the week, and taking a pre-quiz to see what they already knew about camp topics. We then split into rotational groups, with activities as follows: learning the 11 steps to archery success with string bows, and a conservation project teaching youth to identify invasive species prevalent in the area and picking samples to press. Following lunch, we traveled to Crescent Beach where we had a brief orientation. There were two rotational activities: first aid and a game of capture the flag. In first aid, campers learned basic first aid procedures and injury care; in capture the flag campers split into two teams and played a spirited game.

Day 2:

While campers were arriving in the morning, they played a game of octopus and were then split into rotational groups. The first activity was archery where campers learned about range safety and how to properly shoot an arrow. Campers also learned more about birds of prey, their importance to our ecosystems, and had the opportunity to dissect owl pellets. The afternoon involved kayaking at Crescent Beach where they learned how to use a kayak and paddled near the shore. During the coastal walk, campers had the opportunity to explore the surrounding beach looking for various plant and animal species while participating in an education scavenger hunt.

Day 3:

Campers began the day in rotational 90 minute blocks. One group began at archery, where campers were able to draw their own targets to shoot at, as well as continue practicing techniques learned the day before. The other group learned about the history and basics of orienteering. They had the opportunity to test their new compass skills with several navigation challenges. In the afternoon, campers were again split into two groups, with one starting on our 5 senses hike, and the other learning about fishing and crabbing. During the 5 senses hike, campers were led to a

nearby forest where they were asked to activate their senses of touch, sight, hearing, and smell through stimulating activities. The other group was taught the skills of casting fishing rods and crab traps, as well as the importance of fishing licenses and fish conservation. Campers were taught the local species of crab and how to identify them.

Day 4:

Thursday morning began with all the campers coming together to play phobia, a game where they had to work together to determine what the other counselors were 'afraid of.' Campers were then split into two groups for morning activities. During archery, campers were able to either practice for the upcoming tournament or use the 3-D targets. In shelter building, campers learned the three things every shelter needs, and were able to apply that knowledge by constructing tent and tarp shelters. During the afternoon, campers rotated between a series of teambuilding games and our program on climate change. The mini games consisted of several rounds of minefield, followed by an exciting game of tanks. In climate change, campers learned about the basic causes of climate change and its relation to human activity. They participated in a hands-on activity to understand trophic levels and their importance to our ecosystems. It was all brought together with a camp-wide game of predator and prey.

Day 5:

Campers began their day by completing our post quiz, then were split into two groups. One rotation took the campers to Crescent Beach where we met with staff from Surrey Nature Area's Partnership to help remove invasive blackberry plants. The second rotation was the qualifier rounds for the archery competition. Following qualifiers, 16 finalists participated in the Wild Kidz archery competition. The top 3 scores were declared, prizes were awarded, and everyone enjoyed a tasty treat. A Slip n' Slide was also set up for campers as they waited to be picked up

CLUBS WILD KIDZ DAILY BREAKDOWN

Day 1:

Campers started off the day with icebreaker games, creating a camp contract for the week, and taking a pre-quiz to see what they already knew about camp topics. We then split into rotational groups to learn the 11 steps to archery success with string bows, and partake in a hands-on exploration of the local wetland to learn more about invertebrates. Following lunch, we played a big game of octopus to get the campers energized for the afternoon. Then there were two rotational activities: first aid and fire building. In first aid, campers learned basic first aid procedures and injury care; in fire building, campers learned about the fire triangle and applied their knowledge by constructing and maintaining their own fires. We finished the day with a big game of capture the flag.

Day 2:

While campers were arriving, they were split into two groups for activities. The first activity was archery, where they learned about range safety and how to properly shoot an arrow. Campers also learned about climate change, human influences on the environment, and the significance of maintaining trophic levels. This was followed by a spirited game of predator and prey. The afternoon involved learning the basics of shelter building and constructing tent and tarp shelters. Campers also learned about invasive plants and their effect on ecosystems, and got to participate in invasive species removal projects. The day concluded with groups coming back together to learn about birds of prey and dissect owl pellets.

Day 3:

We got off to an exciting morning by taking a group fishing trip at a local lake. Campers learned about basic fish anatomy and the importance of fishing licenses and conservation. Those who were not fishing got to play a dynamic group game of werewolf. In the afternoon, we returned to camp where campers were split into two groups, with one starting on our 5 senses hike, and the other heading over to the archery range. During

the 5 senses hike campers were led to a nearby forest where they were asked to activate their senses of touch, sight, hearing, and smell through stimulating activities. During archery, campers continued to build on the techniques they learned the day before and got to shoot at their own DIY targets.

Day 4:

Thursday morning began with several club volunteers coming in to explain firearm safety before beginning our range day. Campers were split into multiple groups and given the opportunity to try several different types of firearms, as well as continue practicing archery. After lunch, campers got to learn more about the different types of cervids and how to identify them. During orienteering, campers were introduced to the basics of compass navigation and participated in several skill building challenges. The day concluded with campers returning and playing a series of exciting water games to help beat the heat.

Day 5:

Campers began their day by completing our post quiz, then were split into two groups. One rotation had campers constructing nesting boxes to be installed in local wetlands. They type of box varied with locations, based on the species and needs of the area. The second rotation consisted of qualifier rounds for the archery competition. Following the qualifiers, 14 finalists participated in the Wild Kidz archery competition. The top 3 scores were declared, prizes were awarded, and everyone enjoyed a tasty treat. Lunch on Friday was a special occasion, as the host club facilitated a barbeque for campers and parents.

LEARNING OUTCOMES

In order to show the value of the programming we deliver, we asked campers to take a pre- and post-camp quiz. This allows us to gauge what they know and what they learned. This provides us with metrics that can help show the value and effectiveness of our camps. The following pages describes methods and provides the results and data collected.

METHOD

During the first portion of the first day of camp, campers took a pre-camp quiz. This quiz had 15 questions, approximately two questions per lesson that they were to participate in during the week.* Campers took the same quiz at the end of the week for a comparison of learning throughout the week. The scores of the pre- and post-camp quizzes were compared to show the learning that occurred.

RESULTS

Over the course of five camps, 134 campers participated in the quizzes. The average pre-quiz score was 48%, while average post-camp score was 84%. The overall average of the five camps' improvement increased by 36%. 14/15 of lessons had a positive percent improvement.

CONCLUSION

We believe Wild Kidz was a success. There was an overall knowledge increase of 36% and many campers had much higher score improvements. During Wild Kidz 2021, the increase was 19%; the increase in score improvements from 2021 to 2022 is evidence of the program material being fine-tuned and updating the way material is presented. However, there were 3 campers who showed negative scores (zero improvement), indicating a possible need to provide further support when administering the quiz.

*Both Surrey camps had 14 questions, as they did not have a wetland program due to location limitations.



36%

OVERALL INCREASE IN
NATURE-RELATED KNOWLEDGE



30+%

INCREASE IN 87 CAMPERS'
NATURE-RELATED KNOWLEDGE



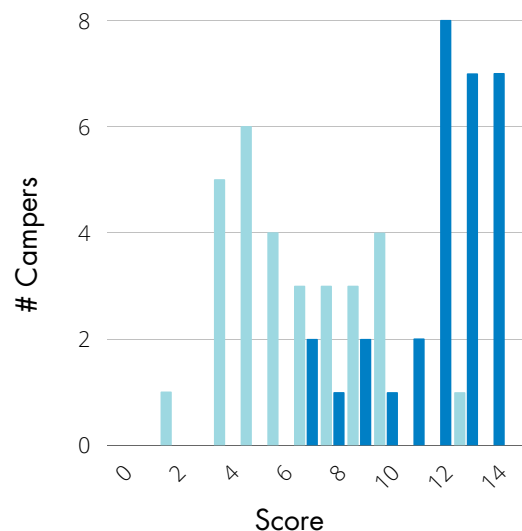
50+%

INCREASE IN 25 CAMPERS'
NATURE-RELATED KNOWLEDGE

CAMPER QUIZ RESULTS- BY CAMP

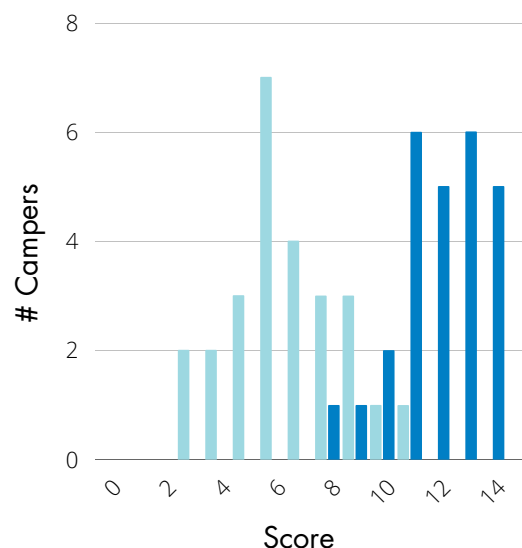
WILD KIDZ I: JULY 4-8

As demonstrated in the graph, this camp had an overall increase in higher scoring quizzes in the post-quiz (dark blue) than the pre-quiz (light blue). This indicated that overall, this camp succeeded in meeting its learning outcomes for the cohort of campers.



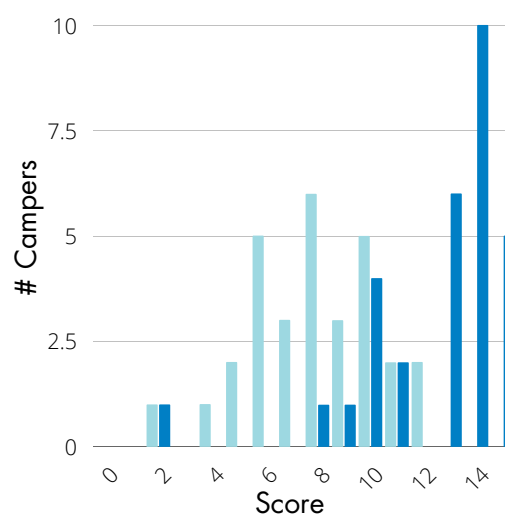
WILD KIDZ II: JULY 11-15

As demonstrated in the graph, this camp had an overall increase in higher scoring quizzes in the post-quiz (dark blue) than the pre-quiz (light blue). This indicated that overall, this camp succeeded in meeting its learning outcomes for the cohort of campers.



WILD KIDZ III: JULY 25-29

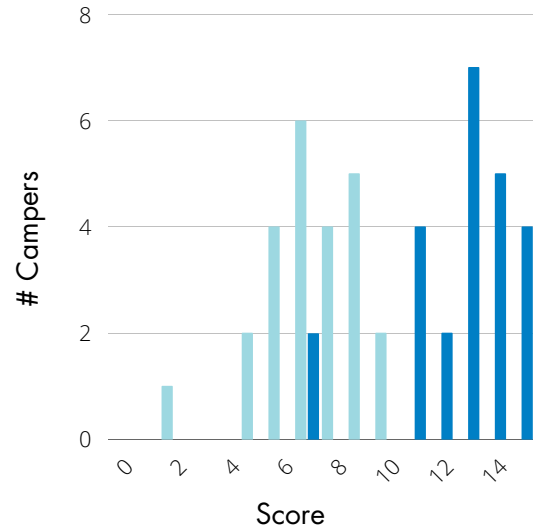
As demonstrated in the graph, this camp had an overall increase in higher scoring quizzes in the post-quiz (dark blue) than the pre-quiz (light blue). This indicated that overall, this camp succeeded in meeting its learning outcomes for the cohort of campers. Furthermore, five campers scored a perfect score of 100% during this camp.



CAMPER QUIZ RESULTS- BY CAMP CONT'D

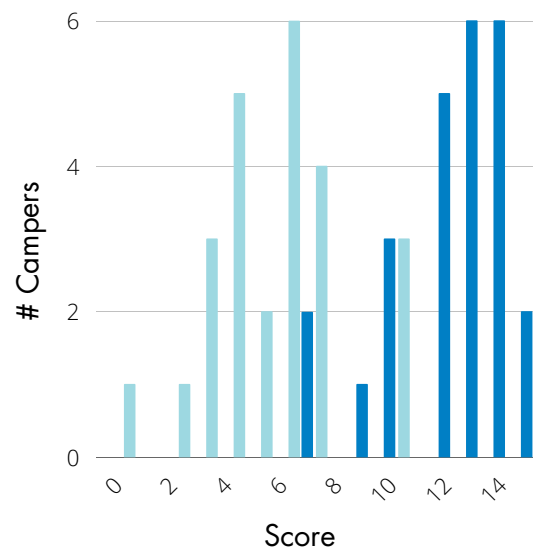
WILD KIDZ IV: AUGUST 15-19

As demonstrated in the graph, this camp had an overall increase in higher scoring quizzes in the post-quiz (dark blue) than the pre-quiz (light blue). This indicated that overall, this camp succeeded in meeting its learning outcomes for the cohort of campers. Furthermore, four campers scored a perfect score of 100% during this camp.



WILD KIDZ V: AUGUST 22-26

As demonstrated in the graph, this camp had an overall increase in higher scoring quizzes in the post-quiz (dark blue) than the pre-quiz (light blue). This indicated that overall, this camp succeeded in meeting its learning outcomes for the cohort of campers. Furthermore, two campers scored a perfect score of 100% during this camp.



CAMPER QUIZ RESULTS - BY QUESTION

Camper quizzes were also analyzed by question to view which programs were effective and which needed improvement. Overall, 14/15 questions showed an average improvement in scores from pre- to post- quiz, demonstrating the overall strength of our programs. One question, relating to wetlands, had a negative average score, indicating a need for improvement on that lesson.* Orienteering, first aid, and archery were particularly effective lessons.

All five of our Wild Kidz camps showed a similar level of improvement between the pre and post quizzes. Wild Kidz campers from week 5 demonstrated the most improvement, with an average of 39% improvement. They had no negative improvement scores, and three questions with over 60% improvement (First Aid, Archery, and Climate Change). This could suggest that we had refined our programming by the end of the summer, providing these campers a slightly better learning experience. Wild Kidz III campers demonstrated the least improvement, with an average improvement of 31%. They had one negative improvement score (Wetlands) and one question with over 60% improvement (Archery). The lower improvement score is likely due to having the highest pre-test average score.

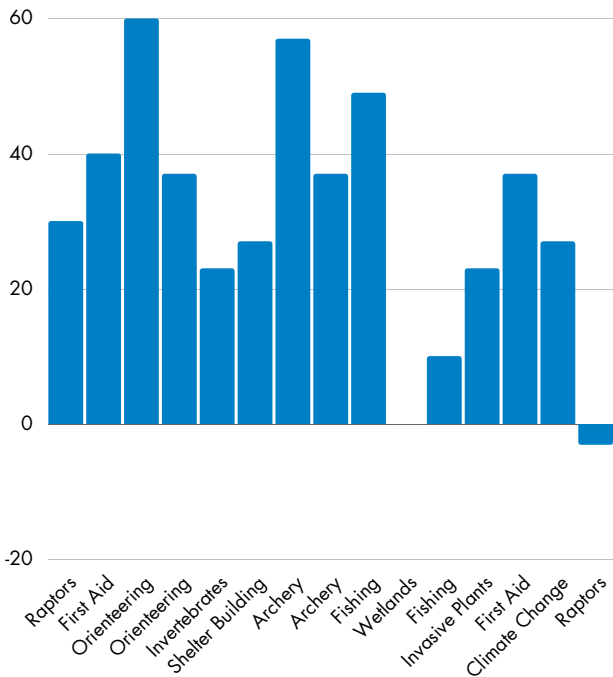
*Both Surrey camps had 14 questions, as they did not have a wetland program due to location limitations.

SCORE IMPROVEMENT BY QUESTION

	TOPIC	WK 1	WK 2	WK 3	WK 4	WK 5	AVG. DIFFERENCE
1	Raptors	30%	54%	13%	42%	40%	36%
2	First Aid	40%	15%	43%	67%	76%	48%
3	Orienteering	60%	58%	37%	79%	56%	58%
4	Orienteering	37%	42%	23%	38%	44%	37%
5	Invertebrates	23%	88%	20%	50%	36%	44%
6	Shelter Building	27%	12%	23%	42%	40%	29%
7	Archery	57%	23%	27%	13%	4%	25%
8	Archery	37%	65%	63%	75%	64%	61%
9	Fishing	40%	12%	47%	8%	28%	27%
10	Wetlands	0%	0%	-10%	21%	12%	-1%
11	Fishing	10%	12%	0%	-13%	16%	5%
12	Invasive Plants	23%	31%	13%	8%	24%	20%
13	First Aid	37%	77%	20%	42%	52%	45%
14	Climate Change	27%	31%	47%	63%	64%	46%
15	Raptors	-3%	19%	17%	17%	24%	15%

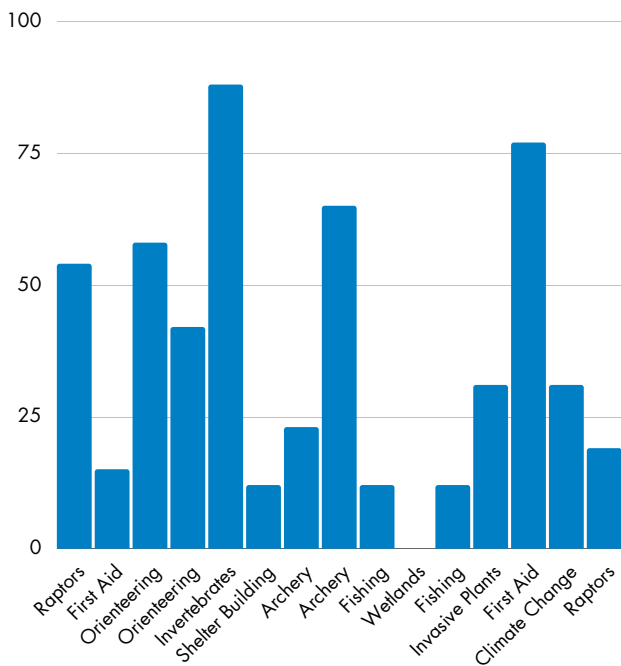
CAMPER QUIZ - IMPROVEMENT % BY QUESTION

WILD KIDZ I: JULY 4-8



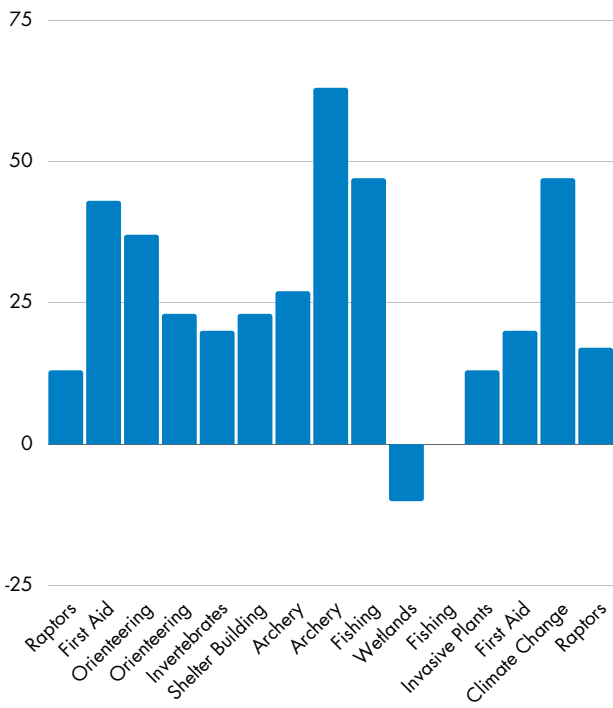
*This camp did not have a wetland program or question in the quiz. Improvement is recorded at 0.

WILD KIDZ II: JULY 11-15



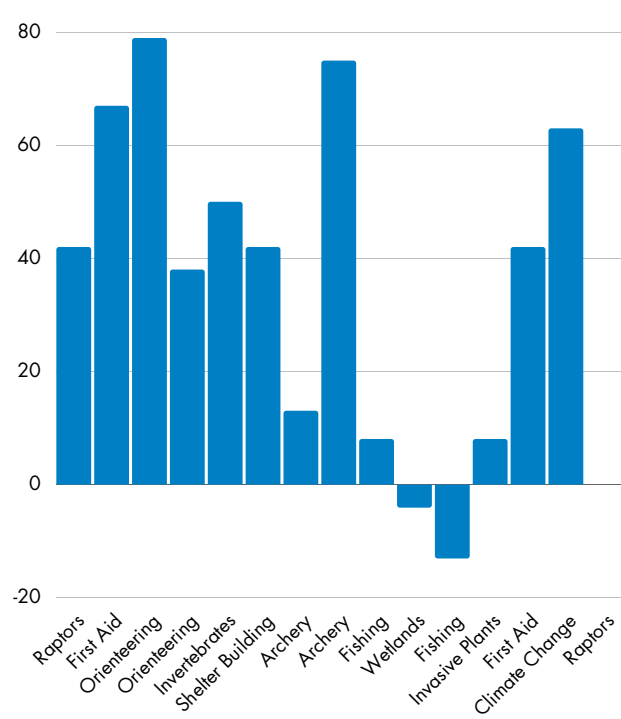
*This camp did not have a wetland program or question in the quiz. Improvement is recorded at 0.

WILD KIDZ III: JULY 25-29

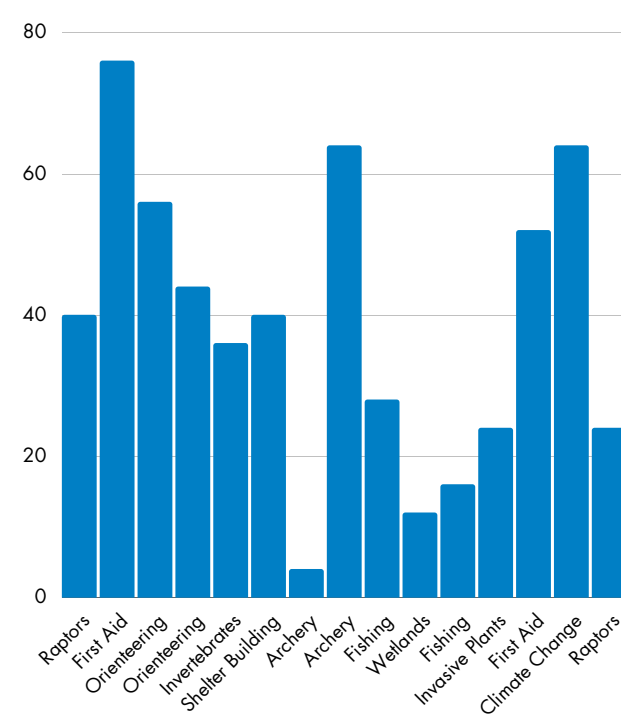


CAMPER QUIZ - IMPROVEMENT % BY QUESTION

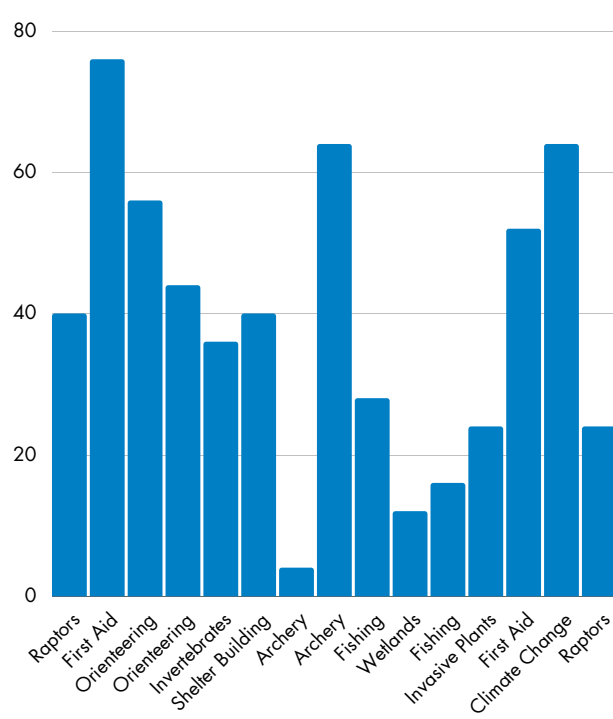
WILD KIDZ IV: AUGUST 15-19



WILD KIDZ V: AUGUST 22-26



OVERALL AVERAGE



PARENT SURVEY OVERVIEW

Parents and guardians of BCWF Wild Kidz campers were asked to complete a post-camp survey in which they ranked camps for enjoyment, satisfaction, overall camp value, and general demographic information. Although only 77 parents/guardians participated in the survey, many adults enrolled more than one child in Wild Kidz. As many parents/guardians had more than one child in Wild Kidz, responses may be varied based on each child's experience.

METHODS

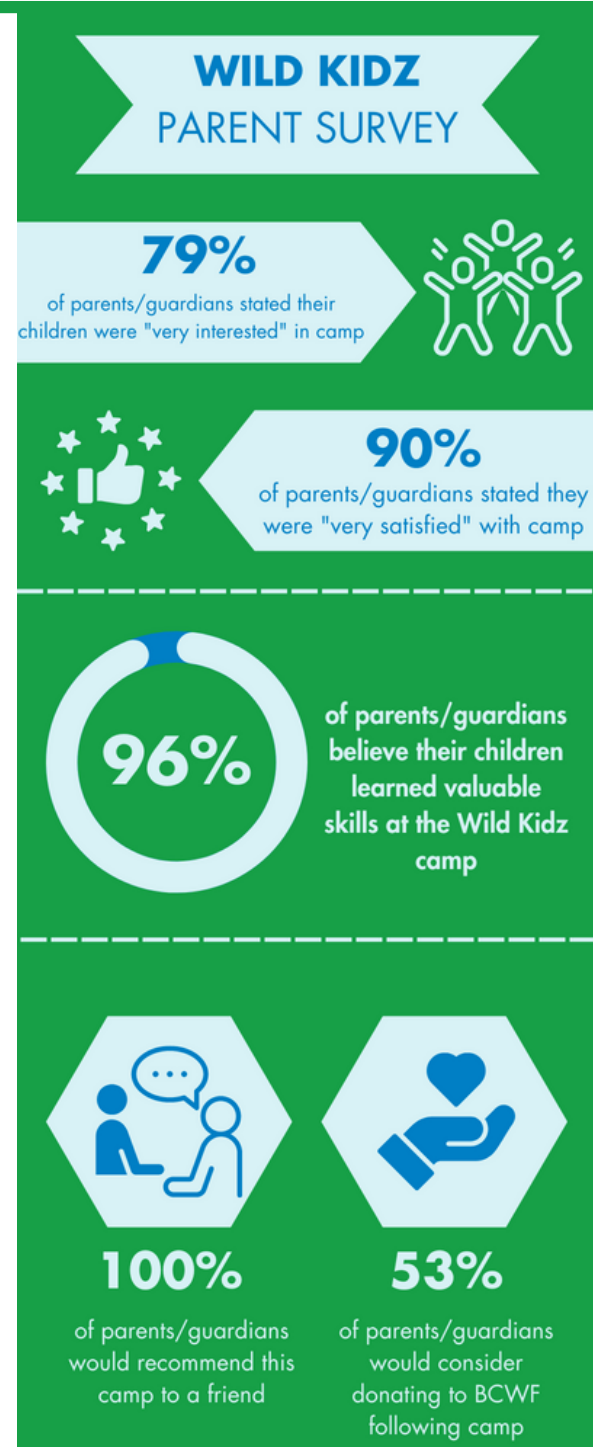
Parents were given a post-camp survey. All data was collected using a digital survey on Microsoft Forms. Responses were compiled and analyzed.

RESULTS

Based on the camp feedback overall, average satisfaction and enjoyment among parents was 99%, with 90% being very satisfied and 9% being satisfied. 91% of parents stated they would be very likely to recommend Wild Kidz, and 8% would be likely to recommend Wild Kidz. 96% of parents felt their children learned a lot during Wild Kidz. According to parent surveys, 79% of campers were very interested in Wild Kidz, and 18% were interested in the camp. Following camp, 53% of parents/guardians are interested in donating to BCWF. Note that all scores given are out of 5 and percentages are calculated to the nearest whole number, when appropriate. Relevant results are illustrated in graph form and included on the next page.

CONCLUSION

The parent surveys show strong satisfaction from parents with regard to program structure, content and enjoyability from parents and campers alike. The survey results reveal that the program was received very well and saw an improvement in scores in almost every category compared to the previous year.



CAMPER SURVEY OVERVIEW

BCWF Wild Kidz campers were asked to complete a post-camp survey in which they ranked camps for overall enjoyment, activity enjoyment, and overall camp experience. 125 out of 142 total campers, or 88% of campers, participated in the survey. Therefore, the results of the camper survey are representative of the Wild Kidz 2022 camps.

METHODS

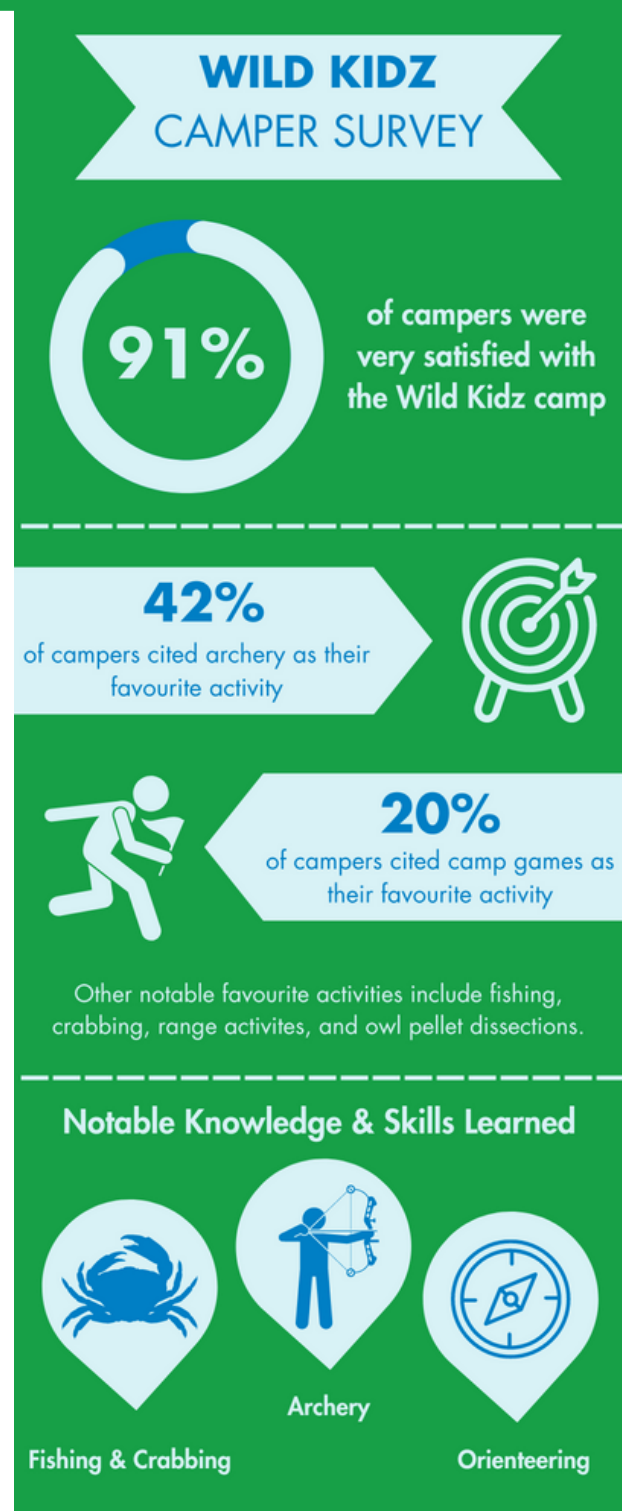
Campers were given a post-camp survey. All data was collected using a physical survey. Responses were compiled, digitized, turned into percentages and analyzed.

RESULTS

91% of campers were very satisfied with the Wild Kidz camps. 42% cited archery as their favourite activity, with camp games coming in second with 20%. Other notable activities enjoyed by campers were fishing and crabbing, range activities, and owl pellet dissection. Favourite knowledge and skills learned were archery, fishing and crabbing, and orienteering. When asked how camp could improve, campers wanted "more range activities", "more games", and 74% said nothing.

CONCLUSION

Survey results reveal high satisfaction among campers relating to their Wild Kidz experience. Campers reported that they wanted more games, range activities, and archery. They also noted they preferred positive reinforcement during camps. Several campers requested that we return to their location next summer.



THANK YOU TO OUR SPONSORS

Our programs would not be possible without the help and support of these organizations. Thank you for inspiring the next generation of outdoor enthusiasts and conservationists!

