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Wild Kidz Camp

BC WILDLIFE FEDERATION

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 eleven 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 2021

In the summer of 2021, BCWF Youth Programs was thrilled to run three Wild Kidz day camps for British Columbian children and youth. Following the preceding summer where we were only able to host one in-person camp, hosting a variety of programs throughout the summer allowed us to inspire more youth to become the next generation of outdoor leaders.

As travel was restricted at points of the summer, we realized that it would not be a responsible choice to put B.C. communities at risk by travelling for camp. Therefore, the BCWF Youth Programs team made the difficult decision to host all in-person camps in the Lower Mainland. For youth who were unable to attend for any reason, we offered our virtual camp sessions to continue our mandate to educate the province's youth on conservation topics.

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.

Our team limited changes wherever possible to ensure Wild Kidz 2021 was full of outdoor fun. However, some regular programming such as Range Day was removed from our schedule as it would not be possible to properly sanitize and maintain social distancing during facilitation.



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OVERVIEW

In summer of 2021, we scheduled four Wild Kidz camps throughout July and August. Due to low registrants, we cancelled the first camp from July 5-9 and proceeded running the remaining three camps. All of our Wild Kidz camps took place in Crescent Beach, Surrey, B.C. at Alexandra Neighbourhood House. Wild Kidz serves youth aged 7 - 17; campers engaged in activities such as kayaking, crabbing and fishing. 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



63 REGISTERED CAMPERS



SURREY, BC



10 BCWF STAFF & VOLUNTEERS



ARCHERY, OUTDOOR EDUCATION,
CONSERVATION & TEAM-BUILDING



ALL LESSONS AND ACTIVITIES
MODIFIED TO UPHOLD COVID
REGULATIONS



COVID-19 POLICIES

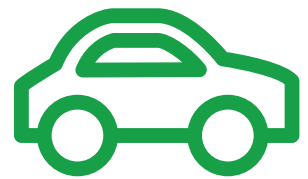
In order to keep campers at our Wild Kidz camp safe, we implemented a number of safety measures to limit contact and the potential spread of COVID-19. The following infographic highlights many of the measures that were taken to ensure camper health and safety. These measures were implemented in line with the Provincial Health Authority's recommendations, and were adjusted as restrictions loosened and tightened throughout the summer season.



**DAILY SYMPTOM
MONITORING**



**RECOMMENDED
FACE MASKS**



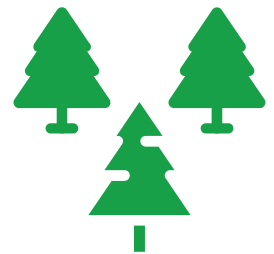
**ROLLING DROP OFF
TO LIMIT CONTACT**



**FREQUENT HAND
SANITIZING**



**CAMPERS SEPARATED
INTO SMALLER PODS
WHENEVER POSSIBLE**



**ALL LESSONS
OCCURRED OUTDOORS**

WILD KIDZ: SUMMER SCHEDULE

This year, we held three Wild Kidz camps in Crescent Beach, Surrey, B.C. Although each camp followed the same basic schedule, the difficulty of activities, game types, and length of lessons were adjusted as per Wild Kidz cohort needs.

WILD KIDZ I: JULY 5-9

Due to low registrations early in the summer, we canceled this week of camp. This week was used by staff to prepare for the remaining upcoming camps later in the summer.



WILD KIDZ II: JULY 12-16

The first in-person camp of the summer for B.C. Wildlife Federation, this Wild Kidz camp was full of outdoor adventure! We held camp for 20 youth aged 9-14.



WILD KIDZ III: AUGUST 9-13

The second Wild Kidz camp was our largest camp of the summer, with 24 youth participating in conservation lessons and outdoor recreation. Campers ranged in age from 7-14.



WILD KIDZ IV: AUGUST 23-27

The last Wild Kidz camp of the summer had the largest age range, with our youngest camper being 7 years old and the oldest being 17. In total, we had 20 campers participate in this camp.



WILD KIDZ CAMP SCHEDULE

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

This year most activities were made into rotations to keep the numbers of campers doing each activity lower. 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, Introduction & Icebreakers	Archery 2 (A/B/C)	Conservation 3 (A/B/C)	Conservation Project 1 (A/B) Pollinators 1	Conservation Project 2 (A/B)
9:30		Safety Orientation	Cetaceans		Pollinators 2 & Quiz
10:00		Games 2 (A/B/C)	Conservation 4 (A/B/C)		Archery 4 (A/B) Practice/DIY Targets
10:30	String Bow & 11 Steps	Electric Maze	5 Senses Hike	Qualifiers	
11:00	Games 1 (A/B) Werewolf	Outdoor Skills 2 (A/B/C)	Archery 3 (A/B/C)	Archery 6 (A/B)	
11:30		Shelter Building	Tent Range	Archery Finals Crafts & Treats	
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
12:30	Travel to Blackie Spit	Travel to Blackie Spit	Travel to Blackie Spit	Travel to Blackie Spit	Conservation Project 3 Pollinators 3
13:00	Outdoor Skills 1 (A/B/C)	Outdoor Skills 3 (A/B)	Conservation 5 (A/B)	Conservation 6 (A/B)	
13:30	Survive Outside	Kayaking	Native Plants	Dial a Story	Early Pick-Up
14:00	Conservation 1 (A/B/C)	Games 3 (A/B)	Outdoor Skills 4 (A/B)	Outdoor Skills 5 (A/B)	
14:30	Raptors	Tanks and Mine Field	Fishing & Crabbing	First Aid	
15:00	Conservation 2 (A/B/C)	Travel to Camp Alex	Travel to Camp Alex	Travel to Camp Alex	
15:30	Wetlands	Games 4 Diagnosis	Games 5 Lily Pads	Games 6 ABC Team Relay	
16:00	Travel to Camp Alex				
16:30	Pick-Up, Sign-Out	Pick-Up, Sign-Out	Pick-Up, Sign-Out	Pick-Up, Sign-Out	

WILD KIDZ DAILY BREAKDOWN

Day 1:

Campers started off the day with icebreakers, 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, there were three rotational activities: wetlands, raptors, and survive outside. In wetlands, they learned what composes the ecosystem and made a model; in raptors they dissected an owl pellet; in survive outside they learned important techniques to navigating the wilderness.

Day 2:

While campers were arriving at camp, they played several games and were then split into groups for the morning. The first activity was archery where campers learned about the range safety and how to properly shoot an arrow. Games 1 and 2 consisted of Tanks, Minefields, and Electric Maze which promote team building and leadership skills. The afternoon involved kayaking at Crescent Beach where they learned how to use a kayak and paddled near the shore. During shelter building campers learned to build an A-frame shelter using a tarp and rope

Day 3:

Campers began the day in rotational 45-minute blocks. One group began at archery, where campers got the chance to pop balloons placed on targets. Another group learned about the importance of cetaceans (whales, dolphins, & porpoises) ecologically and culturally. The last group was led to a nearby forest where campers were asked to activate their senses of touch, sight, hearing, and smell through stimulating games. In the afternoon, the

campers were 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. For the final lesson of the day, they learned about several species of cervids found in B.C., creating track molds for the species of their choosing.

Day 4:

Thursday morning consisted of Wayfinding where campers were taught how to use a compass. During archery campers were given the option to create their own targets to shoot at and use the 3-D targets. They played Dragonfly Pond and designed their own city plan while thinking critically about the environmental impacts of their design. In the afternoon campers learned some basic first aid skills such as identifying and treating symptoms of hypothermia and heat stroke as well as using a triangle bandage to create a sling. The ABC relay was a team activity that put together all the different skills they had learned since Monday into one race, and finally a closing game of capture the flag was played with all the campers.

Day 5:

Campers began their day by opening their plant presses and taking a post-quiz. They also had qualifier rounds for the archery competition. Following qualifiers, six finalists to begin the Wild Kidz archery competition. The top 3 scores were declared, prizes were given out, and everyone had a tasty treat. The campers were then all taken across the street to play on the playground and hang out until their parents came to pick them up.

LEARNING OUTCOMES

In order to show the value of the programming we deliver, we ask 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 14 questions, approximately one question per lesson they participated 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 throughout the week.

RESULTS

Over three camps, 63 campers participated in the quizzes, the average pre-quiz score was 51%, while average post-camp score was 70%. The overall average of the three camps' improvement increased by 19%. 13/14 of lessons had a positive percent improvement.

CONCLUSION

We believe Wild Kidz was a success. There was an overall knowledge increase of 19% and many campers had much higher score improvements. During Wild Kidz 2020, the increase was only 8%; the increase from 2020 to 2021 in score improvements is evident of fine-tuning of program material over the past year and improvement in question clarity. However, there were 7 negative scores, especially with younger campers, indicating a need for possible accommodations for younger campers (i.e vocab explanation, re-reading aloud, etc.)



19%

OVERALL INCREASE IN
NATURE-RELATED KNOWLEDGE



20+%

INCREASE IN 27 CAMPERS'
NATURE-RELATED KNOWLEDGE



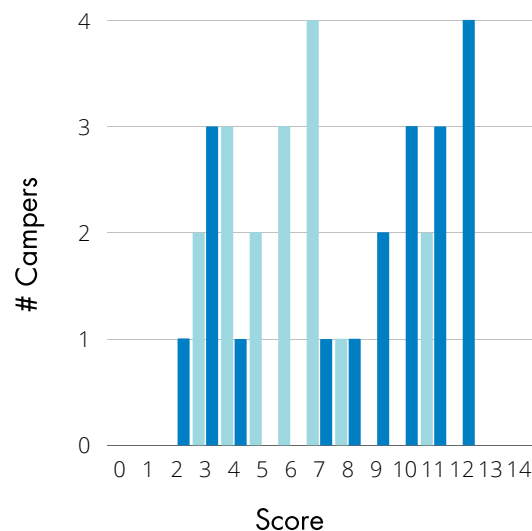
50+%

INCREASE IN 2 CAMPERS'
NATURE-RELATED KNOWLEDGE

CAMPER QUIZ RESULTS- BY CAMP

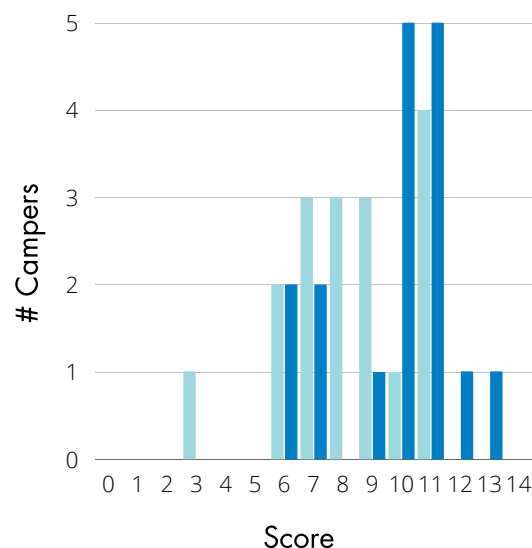
WILD KIDZ II: JULY 12-16

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.



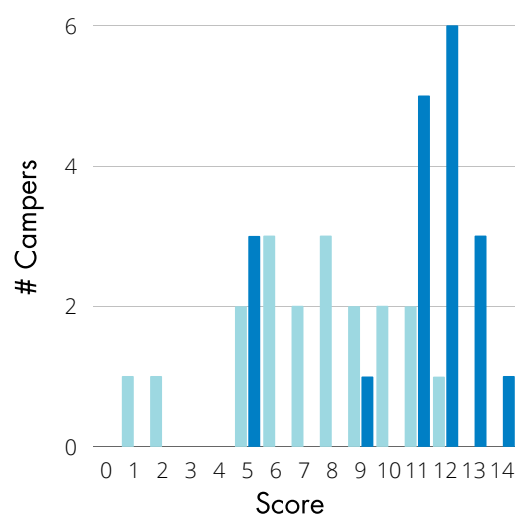
WILD KIDZ III: AUGUST 9-13

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 IV: AUGUST 23-27

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, one camper 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, 13/14 questions showed an average improvement in scores from pre- to post- quiz, demonstrating the overall strength of our programs. One question, relating to fishing, had a negative average score, indicating a need for improvement on that lesson. Particularly effective lessons were raptors, first aid, and archery.

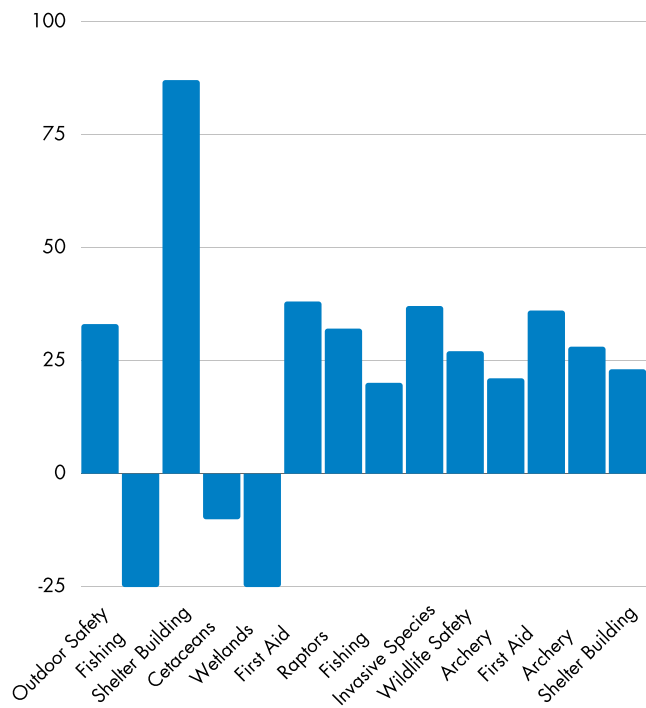
Our most successful week of camp in terms of score improvement was Wild Kidz IV, which had no negative improvement scores on any questions. Following that is Wild Kidz II, which had only three negative improvement scores (fishing, cetaceans, and wetlands). Our least improved camp was Wild Kidz III, which had eight negative scores (outdoor safety, fishing, shelter building (x2), cetaceans, wetlands, first aid, and archery). The abundance of negative improvement in Wild Kidz II may be due to environmental factors (i.e. heavy wildlife smoke on quiz day), or the younger ages of this camp's campers. Generally, it is apparent that the quiz format is difficult for very young campers (6-8), and accommodations may be considered for next year's camp to make the experience more adjustable per age groups.

SCORE IMPROVEMENT BY QUESTION

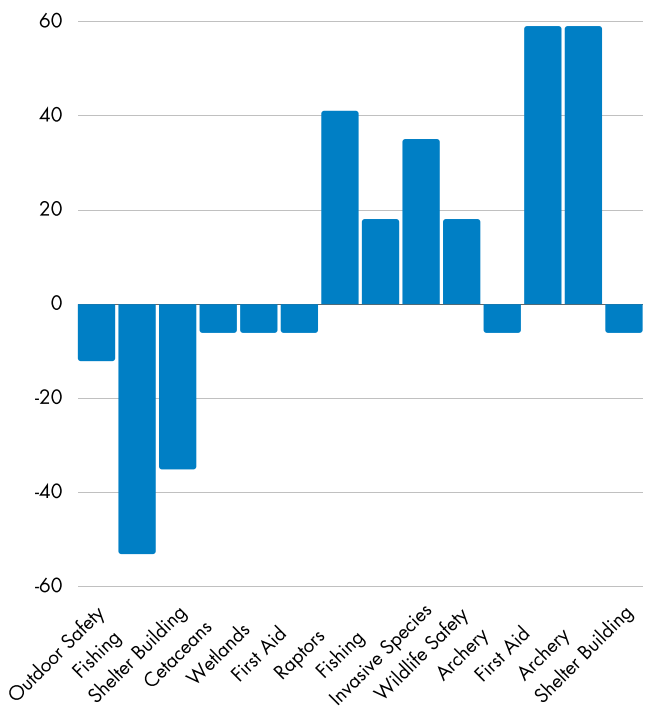
	TOPIC	WK 2	WK3	WK4	AVG. DIFFERENCE
1	Outdoor Safety	33%	-12%	10%	10%
2	Fishing	-25%	-53%	37%	-14%
3	Shelter Building	87%	-35%	26%	26%
4	Cetaceans	-10%	-6%	10%	26%
5	Wetlands	-25%	-6%	42%	4%
6	First Aid	38%	-6%	10%	14%
7	Raptors	32%	41%	53%	42%
8	Fishing	20%	18%	11%	16%
9	Invasive Species	37%	35%	16%	29%
10	Wildlife Safety	27%	18%	6%	17%
11	Archery	21%	-6%	26%	14%
12	First Aid	36%	59%	10%	35%
13	Archery	28%	59%	78%	55%
14	Shelter Building	23%	-6%	16%	11%

CAMPER QUIZ - IMPROVEMENT % BY QUESTION

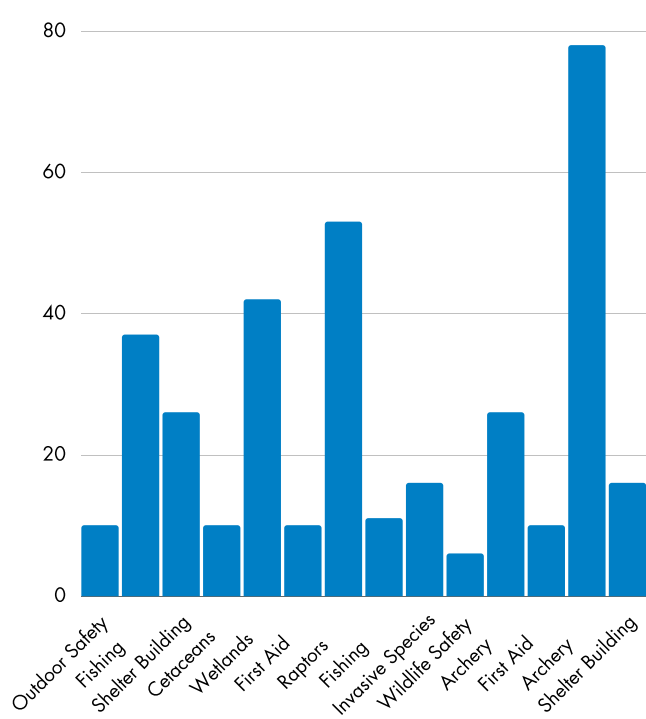
WILD KIDZ II: JULY 12-16



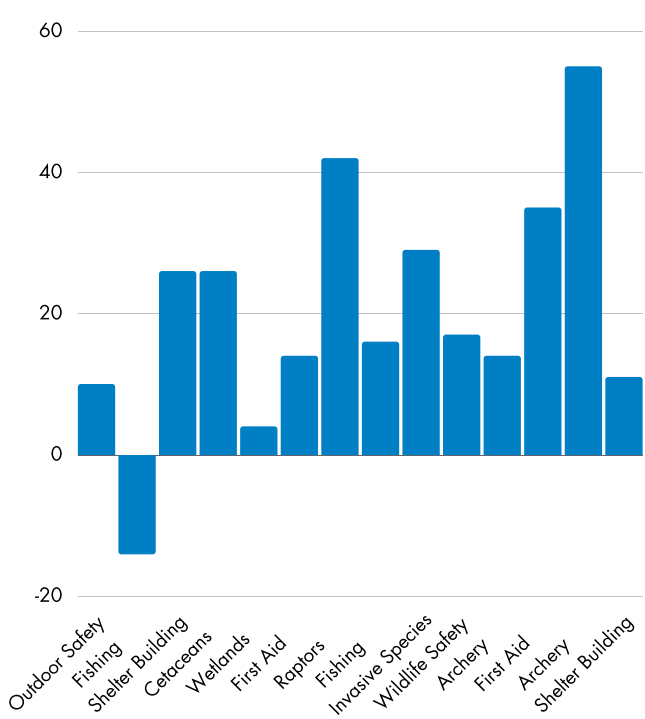
WILD KIDZ III: AUGUST 9-13



WILD KIDZ IV: AUGUST 23-27



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 26 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 100%, with 84% being very satisfied and 16% being satisfied. 84% of parents stated they would be very likely to recommend Wild Kidz, and 16% would be likely to recommend Wild Kidz. 96% of parents felt their children learned a lot during Wild Kidz. According to parent surveys, 64% of campers were very interested in Wild Kidz, and 36% were interested in the camp. Following camp, 48% of campers 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 regards to program structure, content and enjoyability from parents and campers alike. The survey results reveal that the program still had a high rate of satisfaction and success among parents despite restrictions placed on in-person camps due to COVID-19.

WILD KIDZ PARENT SURVEY

64%

of parents/guardians stated their children were "very interested" in camp



84%

of parents/guardians stated they were "very satisfied" with camp



of parents/guardians believe their child or children learned valuable skills at the Go Wild camp.



100%

of parents/guardians would recommend this camp to a friend.



48%

of parents/guardians would consider donating to BCWF following this camp.

CAMPER SURVEY OVERVIEW

BCWF Wild Kidz campers were asked to complete a post-camp survey in which they ranked camps for enjoyment, activity enjoyment, and overall camp experience. 52 out of 63 total campers, or 83% of campers, participated in the survey. Therefore, the results of the camper survey are representative of the Wild Kidz 2021 Crescent Beach 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

88% of campers were very satisfied with the Wild Kidz camp. 44.44% cited archery as their favourite activity, with kayaking coming in as a second favourite by 16% of campers. Other notable activities enjoyed by campers were crabbing, fishing, wetlands, forest walks, and beach time. Favourite knowledge and skills learned were crabbing, wildlife & wildlife safety, and archery. When asked how camp could improve, campers wanted "more archery", "more games", and "more play time".

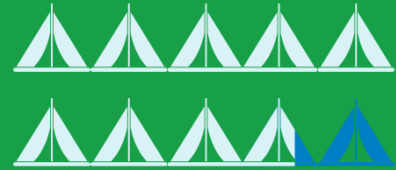
CONCLUSION

Survey results reveal high satisfaction among campers relating to their Wild Kidz experience. Campers reported that they wanted more games, play, and archery. They also noted they preferred positive reinforcement during camps. Possible future topics include more archery, wildlife topics, sailing, more leadership games, and overnight trips.

WILD KIDZ CAMPER SURVEY

88%

Camper
Satisfaction Rate



44.4%

of campers cited archery as their
favourite activity.



16%

of campers cited kayaking as their
favourite activity.



Other notable favourite activities include crabbing, fishing, wetlands, making friends, forest walks, and beach time.

Notable Knowledge & Skills Learned



Crabbing



Wildlife



Archery

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!

