



National
Defence

Défense
nationale

Canada

Wolf Cub Program



for the

Canadian Navy's 100th anniversary

by the



Department of National Defence
September 2009

Wolf Cub Meetings Schedule

Theme: *Commemorate, Celebrate, Commit: Canadian Naval Centennial*

Date:

<u>Time</u>	<u>Activity</u>	<u>Program Details</u>
10 minutes	Gathering Game	Salvo is the paper-and-pencil game which the classic board game Battleship is based on.
5 minutes	Opening Ceremony	
10 minutes	Battleship Game	The leader is going to call out some commands and the Beavers must do the appropriate actions.
5 minutes	Game - Decipher the Hidden Message	Use the code to decipher the hidden message.
30 minutes	Paper Ship Model	Build a paper model warship
10 minutes	Game – Flanders Field or The Ship that Sails Relay	Assemble the poem in proper order
10 minutes	Game - Decipher the Hidden Message	Use the code to decipher the hidden message.
10 minutes	Meeting	Navy guest speaker
5 minutes	Spiritual	Recite Laws and Promise Prayer
5 minutes	Closing	Details in Cub Leader Handbook
15 minutes	Leader Discussion	

Extra Activity:

10 minutes	« Heart of Oak »	Learn and sing the official march of the Canadian Navy
10 minutes	Game – Encode the Message	Use the code to encode the message for transmission.

Note: Other possibilities can be investigated. For example, the potential idea to invite a guest with a naval background to talk about his or her experiences could be very interesting.

Activity Instructions

Activity: Salvo Game

Equipment: Paper and pencil are all that's required. Each player will require 2 copies of the grid paper (next page) and ships' holders (at the bottom of this page) to play.

Instructions: Salvo is the paper-and-pencil game which the classic board game Battleship is based on. The game Salvo is a guessing game played by two people. The goal is to sink all of your opponent's ships before she does the same to you.

Each Cub draws two 10x10 grids on their paper – if they don't have graph paper. The grids should be characterized with letters across the top (A through J) and numbers down the side (1 through 10). One of the grids should be labelled "Self" and the other labelled "Opponent." Each player then decides where to place his four ships: a five-space Battleship, a four-space Cruiser, a three-space Destroyer, and a two-space Submarine. None of the ships may be placed diagonally; they must all be placed in straight lines either horizontally or vertically and can not be moved during the game. It is legal (but not obligatory) for two or more ships to be adjacent to each other. The ships are marked by blocking in the appropriate spaces.

The game can now begin. One after the other and one shot at a time, players try to determine where are the ships of the opponent on the 10x10 grid. If the player calls the coordinates of a space where a ship is located, his opponent tells him so by saying "hit." If he missed, his opponent has to say "miss." Players need to mark the shots they take on their "Opponent" grid, and whether each shot was a hit or a miss, so that they don't call any space more than once. Players may also mark the "Self" grid with shots taken by their opponent. A ship is sunk when all of its squares have been hit. When this happens, the player whose ship was sunk says, for example, "You sank my _____ (type of ship)."

Bat	tle		shi	p
-----	-----	--	-----	---

Cr	ui	se	r
----	----	----	---

Des	tro	yer
-----	-----	-----

Subm	arine
------	-------

Salvo Game

Maritime Forces of Canada

	A	B	C	D	E	F	G	H	I	J	
1											1
2											2
3											3
4											4
5											5
6											6
7											7
8											8
9											9
10											10
	A	B	C	D	E	F	G	H	I	J	



Activity Instructions

Activity: Battleship Game

Equipment: None unless leaders post sign on corresponding walls.

Instructions: Gather the Cubs together in the middle of the meeting area. Explain that they are now sailors on a battleship. The leader is going to call out some commands and the Cubs must do the appropriate actions. The commands are listed but new ones can be added:

<u>Command</u>	<u>Action</u>
Stern	Run to the wall marked stern.
Bow	Run to the wall marked bow.
Starboard	Run to the right wall.
Port	Run to the left wall.
Captain Onboard	Stop running and salute. (<i>Show them how to make a military salute.</i>)
Swab the decks	Use an imaginary mop and mop the deck (floor).
Man Overboard	Drop to the floor and start to swim.
Abandon Ship	Drop to the floor, sit and start to row an oar.
Peace	Gather in the center of the room and make the peace symbol (<i>the first and second finger in a "V", thumb holding other fingers curled in. (See diagram below).</i>)



Activity Instructions

Activity: Decipher the Hidden Message

Equipment: copies of the Hidden Message and pencils

Instructions: Hand out papers and pencils to the Cubs. They need to follow the steps to find the Hidden Message.

1st message

	A	B	C	D	E
1	A	M	U	H	9
2	I	O	R	F	N
3	S	8	14	E	O
4	10	C	Y	O	L
5	D	15	12	E	P

1. Cross out the vowels in columns A, C and E.
2. Cross out the consonants in columns D and E.
3. Cross out the even numbers in rows 3 and 4.
4. Cross out the multiples of 3 in rows 1 and 5.
5. Fill all the blanks with the leftover numbers and/or letters in the same order as they appear in the chart.

Clue: As well as flags, ships use powerful lamps to flash messages to one another. This system combines "dots" and "dashes", which represent both letters and numbers:

Answer: _ _ _ _ _

2nd message

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>
<i>1</i>	E	G	A	U	3
<i>2</i>	6	O	E	E	Z
<i>3</i>	G	4	L	C	2
<i>4</i>	7	Y	P	5	K
<i>5</i>	F	U	H	M	4

1. Cross out the multiples of 2 in rows 2, 3 and 5.
2. Cross out the consonants in columns A, D and E.
3. Cross out the vowels in columns A, B and C.
4. Cross out the uneven numbers in rows 1 and 4.
5. Fill all the blanks with the leftover numbers and/or letters in the same order as they appear in the chart.

Clue: The birthplace of Vice-Admiral Charles E. Kingsmill, the first director of the Canadian Naval Service. This town is in Ontario:

Answer: _ _ _ _ _

Hidden Message (ANSWERS)

1st message

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>
<i>1</i>	A	M	U	H	9
<i>2</i>	I	O	R	F	N
<i>3</i>	S	8	14	E	O
<i>4</i>	10	C	Y	O	L
<i>5</i>	D	15	12	E	P

1. Cross out the vowels in columns A, C and E.
2. Cross out the consonants in columns D and E.
3. Cross out the even numbers in rows 3 and 4.
4. Cross out the multiples of 3 in rows 1 and 5.
5. Fill all the blanks with the leftover numbers and/or letters in the same order as they appear in the chart.

Clue: As well as flags, ships use powerful lamps to flash messages to one another. This system combines "dots" and "dashes", which represent both letters and numbers. The *answer is: MORSE CODE.*

2nd message

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>
<i>1</i>	E	G	A	U	3
<i>2</i>	6	O	E	E	Z
<i>3</i>	G	4	L	C	2
<i>4</i>	7	Y	P	5	K
<i>5</i>	F	U	H	M	4

1. Cross out the multiples of 2 in rows 2, 3 and 5.
2. Cross out the consonants in columns A, D and E.
3. Cross out the vowels in columns A, B and C.
4. Cross out the uneven numbers in rows 1 and 4.
5. Fill all the blanks with the leftover numbers and/or letters in the same order as they appear in the chart.

Clue: The birthplace of Vice-Admiral Charles E. Kingsmill, the first director of the Canadian Naval Service. This town is in Ontario. The *answer is: GUELPH.*

Activity Instructions

Activity: Paper Ship Model

Instructions: This is a paper model warship that can easily be built. The finished model is approximately 30 cm (12”) long and 15 cm (6”) high when completed.



Explanations: The warship is HMCS *Kingston*, the lead ship of its class. *Kingston* and her 11 sister-ships are stationed in Halifax, Nova Scotia and Esquimalt, British Columbia. These vessels are designed as Canadian Maritime Coastal Defence Vessel, or MCDV, and are manned by naval reservists. The ships’ main mission is to patrol the coast lines of Canada.

Equipment: Every Cub should have scissors (a paper knife and cutting board could be used in place of scissors), some paper glue, and a ruler.

The leader needs to make a copy of the paper model and the instruction sheets per Cub at this following website: http://www.navy.gc.ca/cms/5/5-a_eng.asp?id=608.

Extra copies may be necessary for any mishaps and should be printed.

There are two versions of the model, one simple and one more advanced; leaders will have to establish which one is the most appropriate for his or her Cubs. The construction of the model may take longer than 30 minutes and could be spread over many meetings.

The leader will have to make sure that all pages for the model are printed on one side only.

Activity Instructions

Activity: Game - Flanders Field Relay

Instructions: Form into relay lines in sixes at one end of the meeting area, with the poem posted at the other end. Give each six a container with the cut up poem in it.

First Cub in line reaches into the container and pulls out one line of the poem. He/she runs up to the far wall and places the line of poetry in what they believe is the correct spot.

They then run back to their six and touch the next Cub in line. Continue until the poem is assembled correctly. First six to assemble the poem correctly, wins.

Equipment: copies (one for each six) of the poem below cut up line by line, placed in a container; one copy to post on the wall.

Poem

In Flanders fields

In Flanders fields the poppies blow,
Between the crosses, row on row,
That mark our place; and in the sky
The larks, still bravely singing, fly
Scarce heard amid the guns below

We are the Dead. Short days ago
We lived, felt dawn, saw sunset glow,
Loved, and were loved, and now we lie

In Flanders Fields.
Take up our quarrel with the foe:
To you from failing hands we throw
The torch; be yours to hold it high.
If ye break faith with us who die
We shall not sleep, though poppies grow
In Flanders Fields.

** Major John McCrae was a Canadian doctor and teacher who served in both the South African War and the First World War, wrote this poem to remember his friend who died in the First World War and to symbolize the sacrifices of all who were fighting in this war. We still wear the poppy each November. In part because of the poem's popularity, the poppy was adopted as the Flower of Remembrance for the war dead of Britain, France, United States, Canada and other Commonwealth countries.

Activity Instructions

Activity: Navy song

Instructions: Cubs listen to this song once and then they can listen to it a second time and try to sing. Encourage them to ask questions about some stanza they don't understand. Explain to them the meaning of this song.

"Heart of Oak" is the official march of the Royal Navy of the United Kingdom. It's also the official march of the Canadian Navy. As many of our military and naval traditions come from Britain, it is why it says in the stanzas "Britannia triumphant" or "Stout Britons".

The "wonderful year" referenced in the first verse is 1759-60, during which British forces were victorious in several significant battles: the Battle of Lagos on August 19, 1759 off Portugal, the Battle of Quebec City on September 13, 1759 and the Battle of Quiberon Bay near St. Nazaire, France on 20 November 1759. These were followed a few months later by the Battle of Wandiwash in India on 22 January 1760.

The music was composed by Dr. William Boyce and the words were written by the 18th Century British actor David Garrick.

Equipment: This song and copies of the following lyrics.

The signing version of the song can be heard at the following website addresses:

<http://www.youtube.com/watch?v=Xz5bSv3y3JU&feature=related>

<http://www.youtube.com/watch?v=GBhoMSHX2i0&feature=related>

<http://www.youtube.com/watch?v=2mmbKR98dTw&feature=related>

Heart of Oak

(The official March of the Canadian Navy)

Come cheer up my lads, tis to glory we steer,
To add something new to this wonderful year;
Tis to honor we call, you as free men not slaves,
For who are so free as the sons of the waves.

(Chorus)

Heart of oak our ships, jolly tars our men,
We always are ready, steady boys, steady.
We'll fight and we'll conquer again, and again.

We ne'er see our foes, but we wish them to stay;
They always see us and they wish us away;
If they run we will follow, we will drive them ashore;
For if they won't fight we can do no more.

(Chorus)

They say they'll invade us, these terrible foes;
Frighten our women, our children, our beaus;
But should their flat-bottoms, in darkness get o'er,
Stout Britons they'll find to defeat them ashore.

(Chorus)

Britannia triumphant, her ships rule the seas,
Her watchword is justice, her password is free.
So come cheer up my lads, with one heart let us sing,
Our soldiers, our sailors, our statesmen, our Queen.

(Chorus sung twice...)

Activity Instructions

Activity: Decipher the Hidden Message

Instructions: Use the following code key, decipher the secret message.

Equipment: Copies of this secret message.

A = Z	M = N	Y = B
B = Y	N = M	Z = A
C = X	O = L	1 = 0
D = W	P = K	2 = 9
E = V	Q = J	3 = 8
F = U	R = I	4 = 7
G = T	S = H	5 = 6
H = S	T = G	6 = 5
I = R	U = F	7 = 4
J = Q	V = E	8 = 3
K = P	W = D	9 = 2
L = O	X = C	0 = 1

Scouts is a combination of classic scouting, and navy games. This
H V Z H Z R O R M T H
movement was created in 0 2 1 8. Among other things, Scouts learn to calculate the
H V Z
's heights and to recognize beacons. They also study the maritime rules to be
G R W V
respected for a good cohabitation on I R E V I H. Finally, they venture on the
I R E V I H
manipulation of both the X L N K Z H H and the ruler of Cras and on X S Z I G H' decoding.

Activity Instructions

Activity: Decoded the Hidden Message (ANSWER)

Instructions: Use the following code key, decipher the secret message.

Equipment: Copies of this secret message.

A = Z	M = N	Y = B
B = Y	N = M	Z = A
C = X	O = L	1 = 0
D = W	P = K	2 = 9
E = V	Q = J	3 = 8
F = U	R = I	4 = 7
G = T	S = H	5 = 6
H = S	T = G	6 = 5
I = R	U = F	7 = 4
J = Q	V = E	8 = 3
K = P	W = D	9 = 2
L = O	X = C	0 = 1

___ Scouts is a combination of classic scouting, _____ and navy games. This
 HVZ _____ HZRORMTH
 movement was created in _____. Among other things, ___ Scouts learn to calculate the
 0 2 1 8 _____ HVZ
 _____'s heights and to recognize _____. They also study the maritime rules to be
 GRWV _____ YVZXMLH
 respected for a good cohabitation on _____. Finally, they venture on the
 IREVIH
 manipulation of both the _____ and the ruler of Cras and on _____' decoding.
 XLNKZHH _____ XSZIGH

Answer: *Sea* Scouts is a combination of classic scouting, *sailing* and navy games. This movement was created in **1908**. Among other things, *Sea* Scouts learn to calculate the tide's heights and to recognize *beacons*. They also study the maritime rules to be respected for a good cohabitation on *rivers*. Finally, they venture on the manipulation of both the *compass* and the ruler of Cras^[1], and on *charts*' decoding.

^[1] *Note:* **Jean Émile Paul Cras** (22 May 1879- 14 September 1932) was a 20th century French composer and career naval officer; his mathematical skills led to his proposing a number of innovations in technical practices which were adopted by the navy, including his invention of an electrical selector and a navigational plotter protractor which was named after him.

Activity Instructions

Activity: Decipher the Hidden Message (2)

Instructions: Use the following code key, decipher the secret message.

Equipment: Copies of this secret message.

A = Z	M = N	Y = B
B = Y	N = M	Z = A
C = X	O = L	1 = 0
D = W	P = K	2 = 9
E = V	Q = J	3 = 8
F = U	R = I	4 = 7
G = T	S = H	5 = 6
H = S	T = G	6 = 5
I = R	U = F	7 = 4
J = Q	V = E	8 = 3
K = P	W = D	9 = 2
L = O	X = C	0 = 1

The Canadian _____ will be one _____ years old in _____. Our navy is
M Z E B S F M W I E W 9 1 0 1
concentrated in two locations: _____, Nova Scotia and _____, British
S Z O R U Z C V H J F R N Z O G
_____ but is also present in _____ cities across the _____ by the Naval
X L O L Y R Z 9 7 X L F M G I B
_____ Divisions.
I V H V I E V

Activity Instructions

Activity: Decipher the Hidden Message (2) (ANSWER)

Instructions: Use the following code key, decipher the secret message.

Equipment: Copies of this secret message.

A = Z	M = N	Y = B
B = Y	N = M	Z = A
C = X	O = L	1 = 0
D = W	P = K	2 = 9
E = V	Q = J	3 = 8
F = U	R = I	4 = 7
G = T	S = H	5 = 6
H = S	T = G	6 = 5
I = R	U = F	7 = 4
J = Q	V = E	8 = 3
K = P	W = D	9 = 2
L = O	X = C	0 = 1

The Canadian _____ will be one _____ years old in _____. Our navy is
 MZEB SFMWIEW 9101
concentrated in two locations: _____, Nova Scotia and _____, British
 SZORUZC VHJFRNZOG
_____ but is also present in __ cities across the _____ by the Naval
XLOLYRZ 97 XLFMGIB
_____ Divisions.
IVHVIEV

The Canadian *Navy* will be one *hundred* years old in 2010. Our navy is concentrated in two locations, *Halifax*, Nova Scotia and *Esquimalt*, British *Colombia* but is also present in **24** cities across the country by the Naval *Reserve* Divisions.

Activity Instructions

Activity: Encode the Message

Instructions: Using the following code key, encode the message for transmission.

Equipment: Copies of this secret message.

A = Y	M = V	Y = H
B = L	N = I	Z = B
C = X	O = G	1 = 6
D = C	P = A	2 = 9
E = K	Q = U	3 = 4
F = P	R = J	4 = 2
G = T	S = M	5 = 7
H = R	T = O	6 = 1
I = Q	U = N	7 = 8
J = D	V = Z	8 = 0
K = E	W = S	9 = 5
L = F	X = W	0 = 3

The message:

On 4 May 2010, the Canadian Navy will celebrate its 100th anniversary. Many celebrations will take place across the country during the year. From its modest beginning, our navy became the third largest navy at the end of the Second World War. The Canadian Navy is present in all the provinces and continues to conduct operations in support of domestic and international policies.

Activity Instructions

Activity: Encode the Message (ANSWER)

Instructions: Using the following code key, encode the message for transmission as quick as you can.

Equipment: Copies of this secret message.

A = Y	M = V	Y = H
B = L	N = I	Z = B
C = X	O = G	1 = 6
D = C	P = A	2 = 9
E = K	Q = U	3 = 4
F = P	R = J	4 = 2
G = T	S = M	5 = 7
H = R	T = O	6 = 1
I = Q	U = N	7 = 8
J = D	V = Z	8 = 0
K = E	W = S	9 = 5
L = F	X = W	0 = 3

The message:

On 4 May 2010, the Canadian Navy will celebrate its 100th anniversary. Many celebrations will take place across the country during that year. From its modest beginning, our navy became the third largest navy at the end of the Second World War. The Canadian Navy is present in all the provinces and continues to conduct operations in support of domestic and international policies.

Coded message (to ease reading, an underscore is added between words and punctuations were omitted):

GI_2_VYH_9363_ORK_XYIYCQYI_IYZH_SQFF_XKFKLJYOK_QOM_633OR_
YIIQZKJMYJH_VYIH_XKFKLJYOQGIM_SQFF_OYEK_AFYXK_YXJGMM_ORK_
XGNIOJH_CNJQIT_ORYO_HKYJ_PJGV_QOM_VGCKMO_LKTQIIQIT_GNJ_
IYZH_LKXYVK_ORK_ORQJC_FYMTKMO_IYZH_YO_ORK_KIC_GP_ORK_
MKXGIC_SGJFC_SYJ_ORK_XYIYCQYI_IYZH_QM_AJKMKIO_QI_YFF_ORK_AJ
GZQIXKM_YIC_XGIOQINKM_OG_XGICNXO_GAKJYOQGIM_QI_MNAAGJO_G
P_CGVKMOQX_YIC_QIOKJIYOQGIYF_AGFQXQKM