



SCOUTS PARTICIPATING IN A SCOUTMASTER BUCKY MERIT BADGE OPPORTUNITY (ONLINE OR IN PERSON), PLEASE CONSIDER ALSO USING THE SIGNS, SIGNALS, AND CODES MERIT BADGE CLASS PREPARATION PAGE FOR CLARIFICATIONS, INSIGHTS, AND EXPECTATIONS.

https://scoutmasterbucky.com/merit-badges/signs-signals-and-codes/class-prep/

REQUIREMENT 1:	Discuss with your counselor the importance of signs, signals, and codes.
Notes:	
REQUIREMENT 1:	Discuss with your counselor why people need these different methods of communication.
Notes:	
REQUIREMENT 1:	Briefly discuss the history and development of signs, signals, and codes.
Notes:	

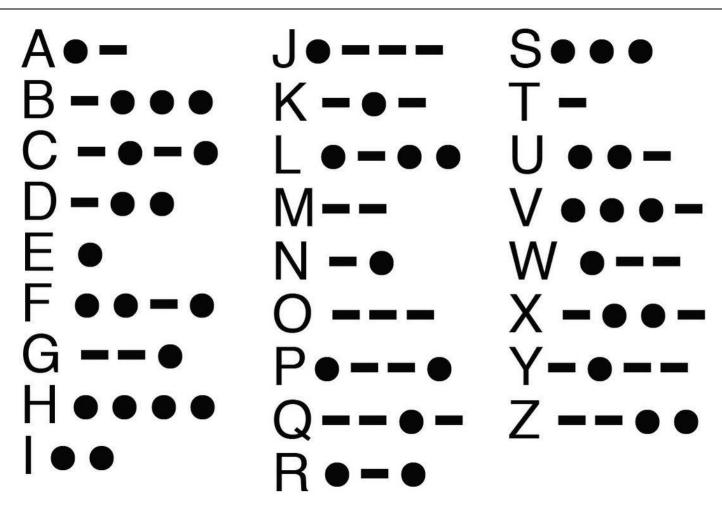




REQUIREMENT 2:	Explain the importance of signaling in emergency communications.
Notes:	
REQUIREMENT 2:	Discuss with your counselor the types of emergency or distress signals one might use to
REGOREMENT 2.	attract airborne search-and-rescue personnel if lost in the outdoors or trying to summon assistance during a disaster.
Notes:	
REQUIREMENT 2:	Illustrate these signaling examples by the use of photos or drawings.
Notes:	







REQUIREMENT 3a: Describe what Morse code is.

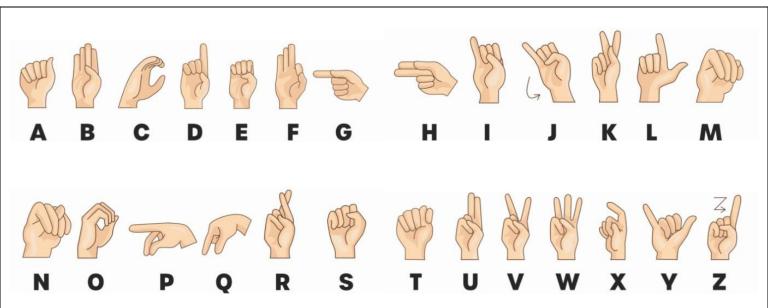




REQUIREMENT 3a:	Describe the various means by which Morse code can be sent.
Notes:	
REQUIREMENT 3a:	Spell your first name using Morse code.
	This requirement must be reviewed with your morit hadge counseler
	This requirement must be reviewed with your merit badge counselor.
Name:	
REQUIREMENT 3a:	Send or receive a message of six to 10 words using Morse code.
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	This requirement must be reviewed with your merit badge counselor.
Notes:	
Notes.	
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REQUIREMENT 3b: Describe what American Sign Language (ASL) is

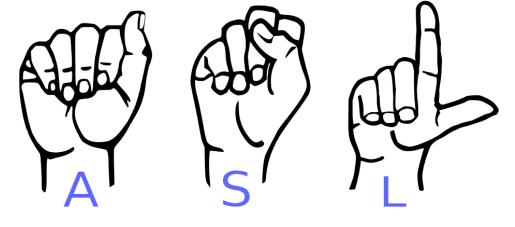
Notes:

REQUIREMENT 3b: Describe how American Sign Language (ASL) is used today.



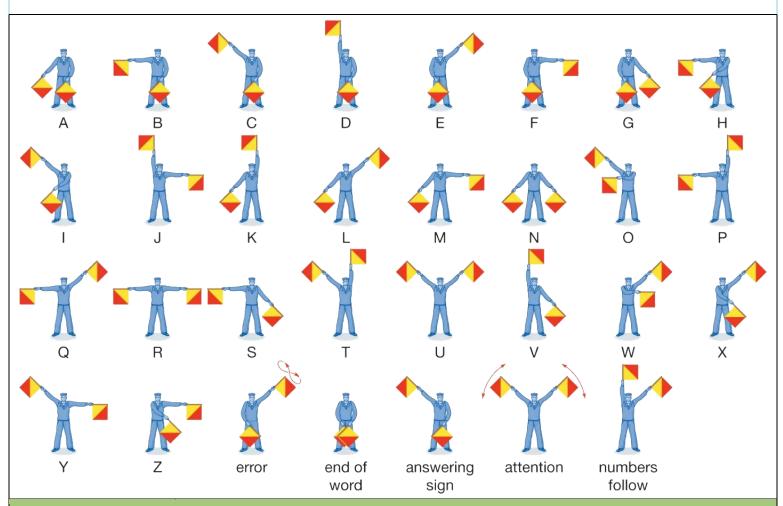


REQUIREMENT 3b:	Spell your first name using American Sign Language.
	This requirement must be reviewed with your merit badge counselor.
Name:	
REQUIREMENT 3b:	Describe what American Sign Language (ASL) is and how it is used today. Spell your first name using American Sign Language. Send or receive a message of six to 10 words using ASL.
	This requirement must be reviewed with your merit badge counselor.
Notes:	









REQUIREMENT 4: Give your counselor a brief explanation about semaphore, why it is used, how it is used, and where it is used.

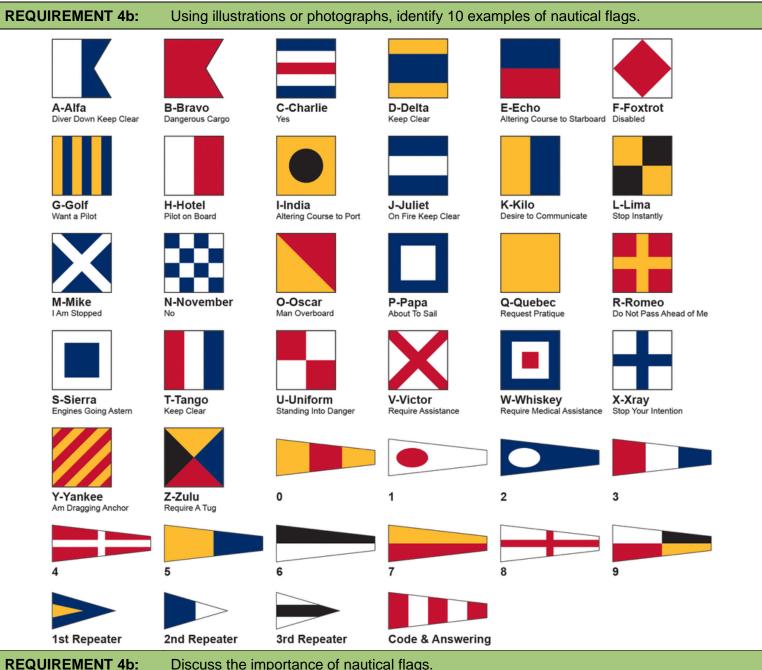




REQUIREMENT 4:	Explain the difference between semaphore flags and nautical flags.
Notes:	
REQUIREMENT 4a:	Spell your first name using semaphore.
REQUIREMENT 4a.	Spell your first name using semaphore.
	This requirement must be reviewed with your morit hadge counselor
	This requirement must be reviewed with your merit badge counselor.
Name:	
Name.	
REQUIREMENT 4a:	Send or receive a message of six to 10 words using semaphore.
REGUINEMENT 4a.	Central of receive a message of six to 10 words using semaphore.
	This requirement must be reviewed with your merit badge counselor.
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Notes:	

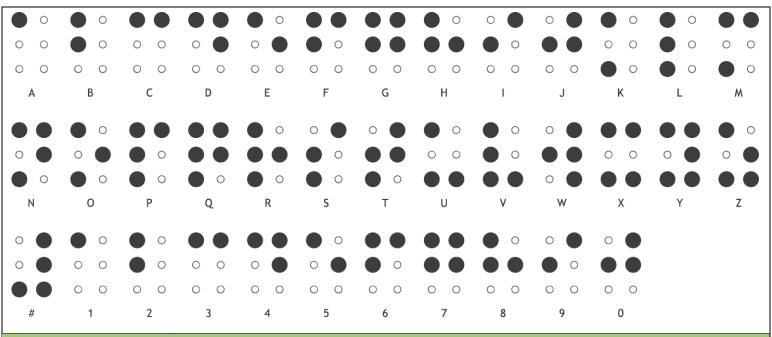












REQUIREMENT 5: Explain the braille reading technique and how it helps individuals with sight impairment to communicate.

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REQUIREMENT 5a: Either by sight or by touch, identify the letters of the braille alphabet that spell your name.

This requirement must be reviewed with your merit badge counselor.

Name:





REQUIREMENT 5a:	Either by sight or by touch, decode a braille message at least six words long.
	This requirement must be reviewed with your merit badge counselor.
Notes:	
REQUIREMENT 5b:	Create a message in braille at least six words long, and share this with your counselor.
	To satisfy the braille writing requirement 5b for this merit badge, you do not need to emboss
	braille dots in thick paper. Rather, you may use a pencil or pen to draw the dots on ordinary paper, copying the characters of the braille alphabet to spell out your message letter by letter.
	This requirement must be reviewed with your merit badge counselor.
Message:	
Notes:	

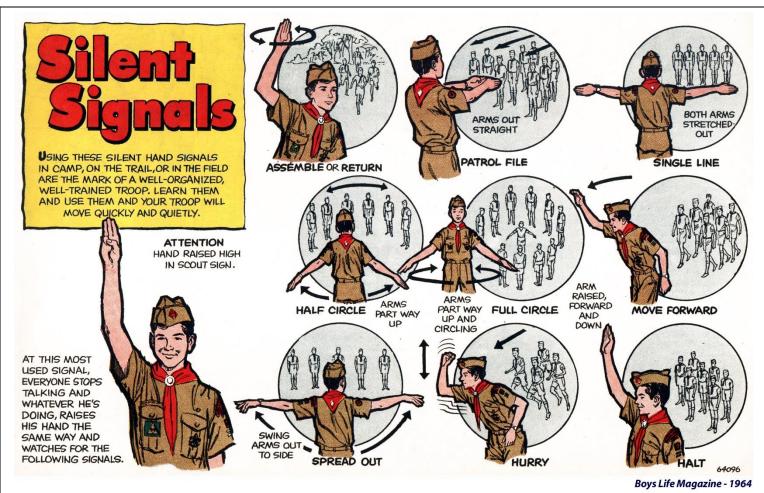




REQUIREMENT 6a:	Describe to your counselor six sour	nd-only signals that are in use today.
Sound Signal #1:		
Sound Signal #2:		
Sound Signal #3:		
Sound Signal #4:		
Sound Signal #5:		
Sound Signal #6:		
REQUIREMENT 6a:	Discuss the pros and cons of using	sound signals versus other types of signals.
	Pros	Cons







REQUIREMENT 6b:

Demonstrate to your counselor six different silent Scout signals. Use these Scout signals to direct the movements and actions of your patrol or troop.

This requirement must be reviewed with your merit badge counselor.





REQUIREMENT 7:

On a Scout outing, lay out a trail for your patrol or troop to follow. Cover at least one mile in distance and use at least six different trail signs and markers. After the Scouts have completed the trail, follow no-trace principles by replacing or returning trail markers to their original locations.

This requirement will be done during the class and must be reviewed with your merit badge counselor.

If this requirement has been completed prior to the class, you will need to have an Adult Leader's sign off

Remember, this sign off is not a guarantee of completion, completion is at the discretion and satisfaction of the merit badge counselor.				
Scout Outing:				
Date and Location:				
Notes:				
Adult Leader's Name	Phone			
Adult Leader's Signature	Date	٦		
		completed		



DO THREE OF THE FOLLOWING (8A, 8B, 8C, 8D, or 8E) FOR REQUIREMENT 8

REQUIREMENT 8a: Demonstrate five sports official's hand signs/signals. Tell what the signals mean and why

they are used:

This requirement must be reviewed with your merit badge counselor.

BASEBALL



DO NOT PITCH



PLAY BALL



COUNT



OUT / STRIKE



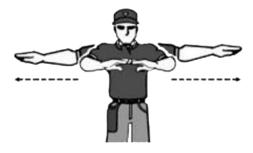
INFIELD FLY



TIME OUT / DEAD BALL



FAIR BALL



SAFE



FOUL BALL / FOUL TIP



TIME VIOLATION







REQUIREMENT 8b:

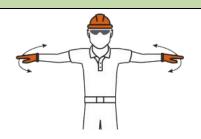
Demonstrate five heavy-equipment operator's hand signals. Tell what the signals mean and why they are used:

This requirement must be reviewed with your merit badge counselor.

CRANE OPERATOR



STOP



EMERGENCY STOP



HOIST



LOWER



LOWER BOOM



RAISE BOOM



MOVE SLOWLY



SWING

SPOTTER





BACK, TURN LEFT



BACK, TURN RIGHT





MOVE FORWARD

www.ScoutmasterBucky.com



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REQUIREMENT 8c:

Demonstrate five aircraft carrier catapult crew signals. Tell what the signals mean and why they are used:

This	requirement must be reviewe	d with your merit badge couns	selor.
AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRPLANE CAPTAIN
AIRCRAFT APU START	ENGINE 1 START	ENGINE 1 START	ENGINE 2 START
AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRPLANE CAPTAIN
ENGINE 2 START	SWITCH WING FLAPS TO AUTO	RAISE WING FLAPS	FLIGHT CONTROLS WIPEOUT
AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRPLANE CAPTAIN
ELEVATOR / AILERON CHECK	LOWER / EXTEND WING FLAPS	LEFT RUDDER CHECK	RIGHT RUDDER CHECK
AIRPLANE CAPTAIN	AIRPLANE CAPTAIN	AIRCRAFT HANDLING OFFICER	AIRCRAFT HANDLING OFFICER





BRAKES ON EXTEND LAUNCH BAR UNFOLD WINGS TAKE TENSION CATAPULT OFFICER TO THE SHOOTER TAKE TENSION CATAPULT OFFICER	LIANDO OFF CONTROLO	DAGO CONTROL TO	DEMOVE TIEDOMAIO	LINEOLD MINOS
MOVE AHEAD TURN LEFT TURN RIGHT STOP AIRCRAFT HANDLING OFFICER AIRCRAFT HANDLING OFFICER BRAKES ON EXTEND LAUNCH BAR UNFOLD WINGS TAKE TENSION SHOOTER SHOOTER CATAPULT OFFICER				
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BRAKES ON EXTEND LAUNCH BAR UNFOLD WINGS TAKE TENSION SHOOTER SHOOTER SHOOTER CATAPULT OFFICER	MOVE AHEAD	TURN LEFT	TURN RIGHT	STOP
SHOOTER SHOOTER CATAPULT OFFICER	AIRCRAFT HANDLING OFFICER	AIRCRAFT HANDLING OFFICER	AIRCRAFT HANDLING OFFICER	AIRCRAFT HANDLING OFFICER
SHOOTER SHOOTER CATAPULT OFFICER	BRAKES ON	EXTEND LAUNCH BAR	UNFOLD WINGS	TAKE TENSION
	ENGINE RUN-UP	SUSPEND	LAUNCH	CATAPULT READY





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EQUIREMEN	T 8d: Demon	strate five cyclist	's hand signals. I	Tell what the signa	als mean and wh	y they are used
Left Turn	Right Turn	Stop	Speed Up	Slow Down	Follow Me	You Lead / Come
Palm facing down	90 angle up, fist clinched	90 angle down, palm open facing back	Swing arm up to left turn position, palm open facing up, repeat	Swing arm down, palm open facing down, repeat	Arm held straight up; palm open facing forward	Arm extended 45 degrees, palm forwa pointing with index finger, swing in arc fro back to front
Hazard In Road	Single File	Double File	Comfort Stop	Refreshment Stop	Turn Signal On	Pull Off
On the left, point with	Arm with index finger	Arm with index and	Forearm extended, fist	Fingers closed, thumb	Open and close hand	Arm positioned as fo
on the left, point with eft hand, on the right, point with right hand	extended straight up	middle finger extended straight up	clenched with short up and down motion	to mouth	with fingers and thumb extended	right turn; forearm swung toward should
Cops Ahead	Fuel	Notes:				
rap on top of helmet rith open palm down	Arm out to side pointing at tank with finger extended					





REQUIREMENT 8e:

Demonstrate five signals from an activity selected by you and your counselor. Tell what the signals mean and why they are used:

This requirement must be reviewed with your merit badge counselor.

See what you can determine and share it with the counselor.

Musical Notation Waterskiing Gestures Cattle Branding Hobo Signs

Proofreader's Marks Weather Symbols

Scuba Diving Signals

Stock Market Exchange Hand Signals

REQUIREMENT 9:

Share with your counselor 10 examples of symbols used in everyday life. Design your own symbol. Share it with your counselor and explain what it means. Then do the following:

This requirement must be reviewed with your merit badge counselor.

Everyday symbols are the visual signs and icons we encounter regularly in our daily lives that communicate specific meanings or information without the need for words:















RED

Regulatory, immediate action.



ORANGE

Temporary road conditions.



YELLOW

Road conditions.

NO TURN ON RED

WHITE

Traffic regulation, helpful information.



GREEN

Directions, permitted movements.

FOOD - PHONE GAS - LODGING HOSPITAL NEXT RIGHT

BLUE

Road services, directions.



BROWN

Fun places to visit!





REQUIREMENT 9b:

Using a topographical map, explain what a map legend is and discuss its importance. Point out 10 map symbols and explain the meaning of each.

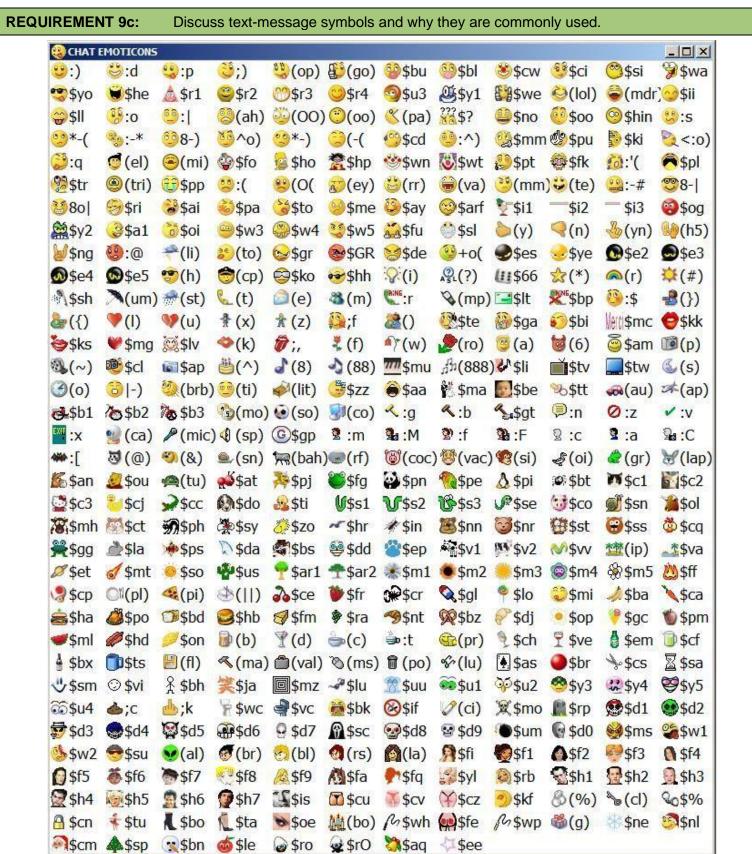
Use the following legend in conjunction with the following web article to be prepared for this reuqirement during the class

https://www.rei.com/learn/expert-advice/topo-maps-how-to-use.html

TOPOGRAPHIC MAP SYMBOLS VARIATIONS WILL BE FOUND ON OLDER MAPS Primary highway, hard surface Secondary highway, hard surface Light-duty road, hard or improved surface County, parish, municipio...... Road under construction, alinement known..... Small park, cemetery, airport, etc.... Dual highway, dividing strip 25 feet or less Dual highway, dividing strip exceeding 25 feet Township or range line, United States land survey..... Township or range line, approximate location --Section line, United States land survey Railroad: single track and multiple track Section line, approximate location..... Railroads in juxtaposition..... Township line, not United States land survey Narrow gage: single track and multiple track...... Section line, not United States land survey Railroad in street and carline..... Tunnel: road and railroad Index contour Overpass and underpass Depression contours . . 6 Small masonry or concrete dam Buildings (dwelling, place of employment, etc.)..... Shifting sand or dunes Buildings (barn, warehouse, etc.).... Power transmission line with located metal tower. Perennial streams . . . = Intermittent streams.. Aqueduct tunnel..... Open pit, mine, or quarry; prospect.....x Intermittent lake.... Sounding, depth curve. Horizontal and vertical control station: Tablet, spirit level elevation BM △ 5653 Rock, bare or awash; dangerous to navigation Other recoverable mark, spirit level elevation...... Horizontal control station: tablet, vertical angle elevation, VABM ARMS Any recoverable mark, vertical angle or checked elevation Vertical control station: tablet, spirit level elevation.... BM × 957 Woods or brushwood Other recoverable mark, spirit level elevation Vineyard.... Land subject to controlled inundation ----











REQUIREMENT 9c:	Give examples of your favorite 10 text symbols or emoticons. Then see if your counselor or parent can identify the meaning or usage of each symbol.
Notes:	
DECLUDEMENT 40.	Driefly discuss the history of accret and writing (arrest graphy)
REQUIREMENT 10:	Briefly discuss the history of secret code writing (cryptography).
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REQUIREMENT 10:	Make up your own secret code and write a message of up to 25 words using this code. Share the message with a friend or fellow Scout. Then share the message and code key with your counselor and discuss the effectiveness of your code.
Your Code:	
Your Message:	
Your Friend or Fellow Scout's Decoding of your Message:	
	and a deciming on your moodinger