MODIFIED LESSON SPECIFICATIONS AND INSTRUCTIONAL GUIDES – TP 1 OF EO M122.01

A-CR-CCP-701/PG-001

EO M122.01 – IDENTIFY TYPES OF MAPS

1. **Performance.** Identify Types of Maps.

2. **Conditions**

   a. Given:

      (1) examples of different types of maps;

      (2) topographical map worksheet;

      (3) supervision; and

      (4) assistance as required.

   b. Denied: N/A.

   c. Environmental: Suitable classroom facilities or training area large enough to accommodate entire group during map work.

3. **Standard.** In accordance with specified references the cadet shall fold a topographical map worksheet, ensuring that the map identification located in the bottom right corner of the map is displayed for easy reference.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain, demonstrate, and have cadets practice folding a map (worksheet) by: a. laying the map face up and folding map in half by bringing the top of the map sheet down to the bottom of the map sheet; b. folding the top half of the map sheet up into half again, then turning map over and folding bottom half to match the top half; c. folding the ends of the map into half from left to right; and d. folding each of the open ends back into half again so that the map name and index to adjacent map sheets appear on the outside.	Demonstration and Performance	10 min	A2-004

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. Demonstration and Performance: 10 min

   c. Total: 15 min

6. **Substantiation.** The demonstration-performance method was chosen for TP1 to allow cadets to participate in supervised exploration of practical instructional material. This method provides the instructor the opportunity to introduce the subject matter, demonstrate and explain procedures, and supervise the cadets while they imitate the skill. This method appeals to all learning styles.

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Verify against the official publication.

7. **References.** A2-004 B-GL-382-005-FP-001 Canadian Forces. (1976). *Maps, Fields, Sketching, and Compasses* (Vol. 8). Ottawa, ON: The Department of National Defence.

8. **Training Aids**

   a. Presentation aids (i.e. whiteboard/flipchart/OHP) appropriate for classroom/training area;

   b. Examples of different types of maps, to include:

      (1) topographical;

      (2) orienteering;

      (3) political;

      (4) street and road;

      (5) statistical;

      (6) digital, including GPS;

      (7) relief;

      (8) outline; and

      (9) air photo; and

   c. Waterproofing agent for illustration purposes, (e.g. waterproof bags and zipper type).

9. **Learning Aids.** Topographical map worksheet.

10. **Test Details.** There is no formal assessment of this EO. Instructors will confirm the cadets' knowledge of types of maps, care of a map and their ability to fold a map during the end of lesson check.

11. **Remarks**

   a. Types of maps will be limited to what is available at the corps level. Instructors should attempt to obtain as many examples as are available. Where local resources allow, products such as clear contact paper and chemical coating may be demonstrated.

   b. Actual maps are not required to practice folding a map. A topographical map worksheet, 8-1/2-in. by 11-in. sheet of paper, newspaper, or retail flyer may be used to represent a map.

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ROYAL CANADIAN ARMY CADETS

GREEN STAR

INSTRUCTIONAL GUIDE

SECTION 1

EO M122.01 – IDENTIFY TYPES OF MAPS

Total Time: 15 min

PREPARATION

PRE-LESSON INSTRUCTIONS

Resources needed for the delivery of this lesson are listed in the lesson specification located at Chapter 4 of the QSP. Specific uses for said resources are identified throughout the Instructional Guide, within the teaching point for which they are required.

Review the lesson content, and become familiar with the material prior to instruction of this lesson.

PRE-LESSON ASSIGNMENT

N/A.

APPROACH

The demonstration and performance method was chosen to allow cadets to participate in supervised exploration of practical instructional material. This method provides the instructor the opportunity to introduce the subject matter, demonstrate and explain procedures, and supervise the cadets while they imitate the skill. This method appeals to all learning styles.

INTRODUCTION

REVIEW

N/A.

OBJECTIVES

By the end of this period the cadet shall be expected to properly fold a topographical map sheet.

IMPORTANCE

It is important to know how to fold and maintain these maps properly so they will remain serviceable and in good condition.

Teaching Point 1 **Explain and Demonstrate How to Fold a Map**

Time: 10 min Method: Demonstration and Performance

FOLDING A MAP

To properly fold a map, the following steps are to be followed:

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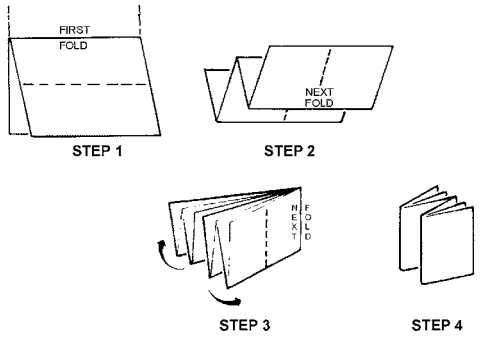
1. Lay the map face up, then fold map in half by bringing the top (north) of the map sheet down to the bottom (south) of the map sheet. Crease where the bend in the map has occurred; this is the centre of the map (see Figure 11-1-1, Step 1).
2. Fold the top half of the map sheet into half again, then turn the map over and fold the bottom half to match the top half (see Figure 11-1-1, Step 2).
3. Fold the ends of the map into half from left to right (see Figure 11-1-1, Step 3).
4. Fold each of the open ends back into half again so that the map name and index to adjacent map sheet appears on the outside (the map should look like the letter M). (see Figure 11-1-1, Step 4).



A-CR-CCP-121/PT-001, Royal Canadian Army Cadets Reference Book

Figure 11-1-1 Folding of a Map

CONFIRMATION OF TEACHING POINT 1

Have each cadet practice folding the topographical map sheet (located in the Green Star Handbook) in the method described above. An easy way to remember how to fold a map is north to south, south to north, east to west and west to east.

END OF LESSON CONFIRMATION

The cadets' participation in folding a map will serve as the confirmation of this lesson.

CONCLUSION

HOMEWORK/READING/PRACTICE

N/A.

METHOD OF EVALUATION

N/A.

CLOSING STATEMENT

It is important to know how to fold and maintain maps properly so they will remain in good condition for a long time.

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INSTRUCTOR NOTES/REMARKS

N/A.

REFERENCES

A2-004 B-GL-382-005/FP-001 Canadian Forces. (1976). *Maps, Fields, Sketching, and Compasses* (Vol. 8). Ottawa, ON: National Defence.

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