

**CH. 11 Probability**

**Lesson:** 11-1 Probability  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**Lesson Objective**

Students use informal measures of probability.

**Teaching Procedure**

Read/discuss p. 640-641. Work p. 642 #1-4 at the board.

**Homework Assignment**

Workbook 11-1.

**Lesson:** 11-2 Experimental probability  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\*****Lesson Objective**

Students find experimental probability.

**Teaching Procedure**

Read/discuss p. 644-645. Work p. 646 #1-2 at the board.

**Homework Assignment**

Workbook 11-2.

**Lesson:** 11-3 Find sample spaces  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

This is a short description of this lesson

**\*\*Correct Homework, if any\*\*****Lesson Objective**

Students use counting methods to determine possible outcomes.

**Teaching Procedure**

Read/discuss p. 648-649. Work p. 650 #1-3 at the board.

**Homework Assignment**

Workbook 11-3.

**Lesson:** 11-4 Theoretical probability  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\*****Lesson Objective**

Students find the theoretical probability of an event.

**Teaching Procedure**

Read/discuss p. 652-653. Work p. 654 #1-5 at the board.

**Homework Assignment**

Workbook 11-4.

**Lesson:** 11-5 Making predictions  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\*****Lesson Objective**

Students will use probability to predict events.

**Teaching Procedure**

Read/discuss p. 658-659. Work p. 660 #1-5 at the board.

**Homework Assignment**

Workbook 11-5.

**Lesson:** 11-6 Probability of independent and dependent events  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\*****Lesson Objective**

Students find the probability of independent and dependent events.

**Teaching Procedure**

Read/discuss p. 666-667. Work p. 668 #1-5 at the board.

**Homework Assignment**

Workbook 11-6.

**Lesson:** 11-7 Combinations  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\*****Lesson Objective**

Students find the number of possible combinations.

**Teaching Procedure**

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Read/discuss p. 670-671. Work p. 672 #1-4 at the board.

## Homework Assignment

Workbook 11-7.

**Lesson:** 11-8 Permutations  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\***

## Lesson Objective

Students find the number of possible permutations.

## Teaching Procedure

Read/discuss p. 674-675. Work p. 676 #1-4 at the board.

## Homework Assignment

Workbook 11-8.

**Lesson:** Test  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**\*\*Correct Homework, if any\*\***

## Student Evaluation

Administer test on p. 685.