

- Lesson Plan Title:** Week 9 Lesson 1 - Math through Games
- Beginning Bridge:** Weekly Review - Weeks 1-4
- Concept/Topic:** To teach math through bridge.
- Standards Addressed:** M8P1.c Apply and adapt a variety of appropriate strategies to solve problems.
- General Goal(s):** To improve math skills through card games.
- Specific Objectives:** To teach bridge.
- Required Materials:** Paper
Pencil
Notebook

Anticipatory Set (lead-in):

- Review previous lessons
 - Card Playing, Card Ranks, and Trick Taking
 - Suits and Trumps
 - Taking Tricks with Trumps
 - Introduction to Hand Evaluation and Bidding

 - Keeping Score and The Auction
 - Play of the Hand
 - Opening Bids - Part 1
 - Opening Bids - Part 2

 - Responding to Partner's Opening Major Suit Bid
 - Responding to Partner's Opening Minor Suit Bid
 - Forcing Principles in Bridge Bidding
 - Rebids by Opener - Part 1

 - Rebids by Opener - Part 2
 - Rebids by Opener - Part 3
 - Responding to Partner's Opening 1NT Bid - Stayman
 - Responding to Partner's Opening 1NT Bid - Transfers

Step-by-step Procedures:

1. Review all previous lessons.

Plan for Independent Practice: Allow time to play hands.

Assessment Based on Objectives: observation

Adaptations (For Students with Learning Disabilities): Allow students to use their notebooks.

Extensions (For Gifted Students): Allow students to help those who are struggling.

Possible Connections to Other Subjects: communication skills, L.A.

- Lesson Plan Title:** Week 9 Lesson 2 - Math through Games
- Beginning Bridge:** Weekly Review - Weeks 5-8
- Concept/Topic:** To teach math through bridge.
- Standards Addressed:** M8P1.c Apply and adapt a variety of appropriate strategies to solve problems.
- General Goal(s):** To improve math skills through card games.
- Specific Objectives:** To teach bridge.
- Required Materials:** Paper
Pencil
Notebook

Anticipatory Set (lead-in):

- Review previous lessons
 - Declarer Play - Suit Contracts
 - Declarer Play - No Trump Contracts
 - Reevaluating Your Hand - 1
 - Reevaluating Your Hand - 2

 - Overcalls
 - Scoring Update - Penalties, Vulnerabilities, and Slam Bidding
 - Takeout Doubles
 - Big Hand Doubles

 - Preemptive Bidding
 - Weak Two Bids
 - Preemptive Jump Overcalls
 - Opening Very Strong Hands - 2 Clubs

 - Responding to 2 Clubs Opener
 - Opening Strong Balanced Hands
 - Slam Bidding
 - Slam Bidding - Blackwood and Gerber

Step-by-step Procedures:

1. Review all previous lessons.

Plan for Independent Practice: Allow time to play hands.

Assessment Based on Objectives: observation

Adaptations (For Students with Learning Disabilities): Allow students to use their notebooks.

Extensions (For Gifted Students): Allow students to help those who are struggling.

Possible Connections to Other Subjects: communication skills, L.A.

Lesson Plan Title: Week 9 Lesson 3 - Math through Games

Beginning Bridge: Final Exam

Concept/Topic: To teach math through bridge.

Standards Addressed: M8P1.c Apply and adapt a variety of appropriate strategies to solve problems.

General Goal(s): To improve math skills through card games.

Specific Objectives: To teach bridge.

Required Materials: Paper
Pencil
Notebook

Anticipatory Set (lead-in):

Step-by-step Procedures:

1. Give Final Exam.

Plan for Independent Practice:

Assessment Based on Objectives: exam

Adaptations (For Students with Learning Disabilities): Allow students to use their notebooks.

Extensions (For Gifted Students): Allow students to help those who are struggling.

Possible Connections to Other Subjects: communication skills, L.A.

Final Exam 50 pts

On a separate sheet of paper list the letter of the correct answer. 1 pt each

1. What are the major suits?
A. Hearts & Diamonds B. Spades & Clubs
C. Diamonds & Clubs D. Spades & Hearts
2. What are the first six tricks taken by declarer called?
A. Contract B. Book
C. Game D. Part-score
3. How many tricks does declarer need to bid for game in No Trump?
A. Four B. Five C. Six D. Three
4. What is the rank of the suits in the bidding ladder, from lowest to highest?
A. Diamonds-Clubs-Hearts-Spades B. Spades-Hearts-Diamonds-Clubs
C. Clubs-Diamonds-Hearts-Spades D. No Trump- Clubs-Hearts-Spades
5. Who is declarer?
A. The player who bid the trump suit first.
B. The player who bid the trump suit first on the side that won the auction.
C. The player who made the last bid before three passes.
D. None of the above
6. Who is Opener?
A. The player who deals the cards.
B. The player who makes a bid other than pass first
C. The player who bids the trump suit first
D. The dealer
7. Who is Responder?
A. The player who is to the left of the opening bidder
B. The partner of the Overcaller
C. The partner of Opener
D. None of the Above
8. If partner opens 1 No Trump, how do you ask them if they have a four card major?
A. Bid 2♦ B. Bid 2♠ C. Bid 2♣ D. Bid 2NT
9. If partner overcalls 1 No Trump and you have 3 points and six spades, what should you bid?
A. 2♣ B. 2♠ C. 2♥ D. Pass

10. If you make an opening bid of 3♦, what is that called?
 A. A Jump Shift
 B. A Weak Two Bid
 C. A Pre-emptive Bid
 D. An Overcall

11. An Opening Bid of 1NT shows how many high card points?
 A. 14-17 B. 16-18 C. 15-18 D. 15-17

12. Which of the following distributions is not balanced?
 A. 5-4-2-2 B. 4-4-3-2 C. 3-3-3-4 D. 3-3-2-5

13. If your partner opened 2♣ and you had 2 points and five spades what would you bid?
 A. Pass B. 2♥ C. 2♠ D. 2♦

14. If you make an opening bid of 2♥, what is that called?
 A. A Jump Shift B. A Weak Two Bid C. A Pre-emptive Bid D. An Overcall

15. What bid is called Blackwood?
 A. 4♣ B. 2♣ C. 4NT D. 2♦

If you were Dealer what would you bid with the following hands? 1 pt each

1. ♠AQ10876 ♥K6 ♦932 ♣85 _____
2. ♠KJ85 ♥AQ32 ♦K3 ♣KJ4 _____
3. ♠QJ7 ♥109754 ♦AQ8 ♣A109 _____
4. ♠AKQ98 ♥J65 ♦864 ♣86 _____
5. ♠AKJ10765 ♥8 ♦7532 ♣9 _____

If you're partner had opened the bidding with 1♣ and your right hand opponent passed, what would you bid with the following hands? 2 pts each

1. ♠AK87 ♥10976 ♦932 ♣85 _____
2. ♠J85 ♥Q1032 ♦3 ♣KQJ42 _____
3. ♠QJ7 ♥754 ♦AQ87 ♣A109 _____
4. ♠Q98 ♥J65 ♦A74 ♣9863 _____
5. ♠95432 ♥KQ84 ♦A52 ♣9 _____

If you're partner had opened the bidding with 1♥ and your right hand opponent passed, what would you bid with the following hands? 2 pts each

1. ♠AJ1076 ♥K65 ♦932 ♣85 _____

2. ♠K85 ♥AQ32 ♦873 ♣QJ4 _____

3. ♠7 ♥109754 ♦A875 ♣1094 _____

4. ♠AKQ98 ♥J65 ♦A64 ♣86 _____

5. ♠AKJ1076 ♥8 ♦7532 ♣95 _____

If you opened the bidding with 1♥ and your partner responded with 2♥, (assuming your opponents passed) what would you bid with the following hands? 2 pts each

1. ♠AQ ♥KQJ856 ♦932 ♣85 _____

2. ♠K2 ♥AQJ432 ♦K3 ♣KJ4 _____

3. ♠AKJ7 ♥J10954 ♦AK7 ♣10 _____

4. ♠A986 ♥AKJ65 ♦Q6 ♣86 _____

5. ♠82 ♥Q10875 ♦AK53 ♣K9 _____

Extra Credit:

Define what CRASH means in the context of playing out a hand. (10 points)

Final Exam 50 pts - Answer Sheet

On a separate sheet of paper list the letter of the correct answer. 1 pt each

1. What are the major suits?
 A. Hearts & Diamonds B. Spades & Clubs
 C. Diamonds & Clubs **D. Spades & Hearts**
2. What are the first six tricks taken by declarer called?
 A. Contract **B. Book**
 C. Game D. Part-score
3. How many tricks does declarer need to bid for game in No Trump?
 A. Four B. Five C. Six **D. Three**
4. What is the rank of the suits in the bidding ladder, from lowest to highest?
 A. Diamonds-Clubs-Hearts-Spades B. Spades-Hearts-Diamonds-Clubs
C. Clubs-Diamonds-Hearts-Spades D. No Trump-Clubs-Hearts-Spades
5. Who is Declarer?
 A. The player who bid the trump suit first.
B. The player who bid the trump suit first on the side that won the auction.
 C. The player who made the last bid before three passes.
 D. None of the above
6. Who is Opener?
 A. The player who deals the cards.
B. The player who makes a bid other than pass first
 C. The player who bids the trump suit first
 D. The dealer
7. Who is Responder?
 A. The player who is to the left of the opening bidder
 B. The partner of the Overcaller
C. The partner of Opener
 D. None of the Above
8. If partner opens 1 No Trump, how do you ask them if they have a four card major?
 A. Bid 2♦ B. Bid 2♠ **C. Bid 2♣** D. Bid 2NT
9. If partner overcalls 1 No Trump and you have 3 points and six spades, what should you bid?
 A. 2♣ B. 2♠ **C. 2♥** D. Pass

10. If you make an opening bid of 3♦, what is that called?
 A. A Jump Shift
 B. A Weak Two Bid
C. A Pre-emptive Bid
 D. An Overcall
11. An Opening Bid of 1NT shows how many high card points?
 A. 14-17 B. 16-18 C. 15-18 **D. 15-17**
12. Which of the following distributions is not balanced?
A. 5-4-2-2 B. 4-4-3-2 C. 3-3-3-4 D. 3-3-2-5
13. If your partner opened 2♣ and you had 2 points and five spades what would you bid?
 A. Pass B. 2♥ C. 2♠ **D. 2♦**
14. If you make an opening bid of 2♥, what is that called?
 A. A Jump Shift **B. A Weak Two Bid** C. A Pre-emptive Bid D. An Overcall
15. What bid is called Blackwood?
 A. 4♣ B. 2♣ **C. 4NT** D. 2♦

If you were Dealer what would you bid with the following hands? 1 pt each

1. ♠AQ10876 ♥K6 ♦932 ♣85 __1♠__
2. ♠KJ85 ♥AQ32 ♦K3 ♣KJ4 __1NT__
3. ♠QJ7 ♥109754 ♦AQ8 ♣A109 __1♥__
4. ♠AKQ98 ♥J65 ♦864 ♣86 __Pass__
5. ♠AKJ10765 ♥8 ♦7532 ♣9 __3♠__

If you're partner had opened the bidding with 1♣ and your right hand opponent passed, what would you bid with the following hands? 2 pts each

1. ♠AK87 ♥10976 ♦932 ♣85 __1♥__
2. ♠J85 ♥Q1032 ♦3 ♣KQJ42 __1♥__
3. ♠QJ7 ♥754 ♦AQ87 ♣A109 __3NT__
4. ♠Q98 ♥J65 ♦A74 ♣9863 __1NT__
5. ♠95432 ♥KQ84 ♦A52 ♣9 __1♠__

If you're partner had opened the bidding with 1♥ and your right hand opponent passed, what would you bid with the following hands? 2 pts each

1. ♠AJ1076 ♥K65 ♦932 ♣85 __2♥__
2. ♠K85 ♥AQ32 ♦873 ♣QJ4 __3♥__
3. ♠7 ♥109754 ♦A875 ♣1094 __4♥__
4. ♠AKQ98 ♥J65 ♦A64 ♣86 __1♠__
5. ♠AKJ1076 ♥8 ♦7532 ♣95 __1♠__

If you opened the bidding with 1♥ and your partner responded with 2♥, (assuming your opponents passed) what would you bid with the following hands? 2 pts each

1. ♠AQ ♥KQJ856 ♦932 ♣85 __Pass__
2. ♠K2 ♥AQJ432 ♦K3 ♣K94 __3♥__
3. ♠AKJ7 ♥J10954 ♦AK7 ♣10 __4♥__
4. ♠A986 ♥AKJ65 ♦Q6 ♣86 __Pass__
5. ♠82 ♥Q10875 ♦AK53 ♣K9 __Pass__

Extra Credit:

Define what CRASH means in the context of playing out a hand. (10 points)

- C = COUNT Losers
- R = REVIEW the auction
- A = ANALYZE the Opening Lead
- S = SOURCE of Tricks?
- H = HOW do I take my tricks?

- Lesson Plan Title:** Week 9 Lesson 4 - Math through Games
- Beginning Bridge:** Mini Tournament - Part 1
- Concept/Topic:** To teach math through bridge.
- Standards Addressed:** M8P1.c Apply and adapt a variety of appropriate strategies to solve problems.
- General Goal(s):** To improve math skills through card games.
- Specific Objectives:** To teach bridge.
- Required Materials:** Paper
Pencil
Notebook
Bridge Boards
Bridge Scorecards
Cards
Mini tournament hand records

Step-by-step Procedures:

1. Play the prepared handsets. Turn in your scores to the teacher.

Plan for Independent Practice:

Assessment Based on Objectives:

Adaptations (For Students with Learning Disabilities): Allow students to use their notebooks.

Extensions (For Gifted Students):

Possible Connections to Other Subjects: communication skills, L.A.

- Lesson Plan Title:** Week 9 Lesson 5 - Math through Games
- Beginning Bridge:** Mini Tournament - Part 2
- Concept/Topic:** To teach math through bridge.
- Standards Addressed:** M8P1.c Apply and adapt a variety of appropriate strategies to solve problems.
- General Goal(s):** To improve math skills through card games.
- Specific Objectives:** To teach bridge.
- Required Materials:** Paper
Pencil
Notebook
Bridge Boards
Bridge Scorecards
Cards
Mini tournament hand records

Step-by-step Procedures:

1. Play the 8-12 prepared handsets. Turn in your scores to the teacher.
2. Teacher to score the boards and announce the winners.

Plan for Independent Practice:

Assessment Based on Objectives:

Adaptations (For Students with Learning Disabilities): Allow students to use their notebooks.

Extensions (For Gifted Students):

Possible Connections to Other Subjects: communication skills, L.A.