



Darts Fundamentals: Skills and Knowledge Assessment

Learning Objectives

- Understand fundamental rules and scoring in darts
- Develop mathematical calculation skills through dart scoring
- Learn proper safety protocols and game etiquette
- Practice strategic thinking and game planning

Part 1: Basic Knowledge Assessment (20 minutes)

Circle the correct answer for each question below:

1. What is the regulation height for a dartboard's bullseye from the floor?

- a) 5 feet 8 inches
- b) 5 feet 6 inches
- c) 5 feet 3 inches
- d) 6 feet

2. What is the point value of the outer bullseye?

- a) 50 points
- b) 25 points
- c) 20 points
- d) 40 points

3. In which direction do the numbers progress around a standard dartboard?

- a) Clockwise
- b) Counter-clockwise
- c) Random order
- d) Alternating pattern

Part 2: Scoring Calculations (25 minutes)

Solve the following scoring scenarios:

Scenario 1: You're playing 501 and your current score is 245. Calculate the remaining score after these throws:

- Triple 20
- Single 15
- Double 10

Show your work here:

Starting score: 245

Calculations:

Final score:

Scenario 2: Plan a possible checkout strategy for these remaining scores:

1. 167 points remaining:

2. 132 points remaining:

3. 86 points remaining:

Part 3: Safety and Etiquette Assessment (15 minutes)

Complete the following activities related to dart safety and proper game conduct:

3.1 Safety Checklist

Mark each statement as True or False:

1. It's okay to retrieve your darts while others are throwing

☐ True ☐ False

2. You should always check for loose tips before throwing

☐ True ☐ False

3. Spectators should stand behind the throwing line

☐ True ☐ False

4. It's fine to practice throwing without a proper backstop

☐ True ☐ False

3.2 Etiquette Scenarios

How would you handle these situations? Write your response:

1. Your opponent is taking practice throws during your turn:

2. Someone is talking loudly while you're trying to throw:

3. You notice your opponent miscounted their score in their favor:

Part 4: Strategic Thinking Exercise (20 minutes)

Analyze and plan your approach for these game situations:

4.1 Game Strategy Planning

For each scenario, describe your strategic approach:

1. You have 301 points and your opponent has 156. What's your strategy?

2. You need exactly 50 points to win. What are your options?

3. You're behind by 200 points. How do you approach your throws?

Part 5: Advanced Scoring Techniques (30 minutes)

Explore complex scoring patterns and strategies:

5.1 Multiple Path Analysis

List three different ways to achieve these scores, ranking them from most to least practical:

Target Score	Path 1	Path 2	Path 3
120 points			
96 points			
85 points			

5.2 Checkout Combinations

Complete these checkout scenarios with the most efficient path:

1. 170 points (highest possible checkout):

2. 161 points (unconventional checkout):

3. 146 points (strategic checkout):

Part 6: Tournament Play and Rules (25 minutes)

Demonstrate understanding of professional play and regulations:

6.1 Tournament Formats

Match the tournament format with its correct description:

Formats:

- A. Round Robin
- B. Single Elimination
- C. Double Elimination
- D. League Play

Descriptions:

- 1. Players get two chances before elimination
- 2. Everyone plays against everyone once
- 3. Lose once and you're out
- 4. Extended play over multiple weeks

6.2 Professional Rules Analysis

Explain the correct ruling in these situations:

- 1. A dart bounces off the board and lands in the scoring section:

- 2. A player steps over the throwing line while releasing:

- 3. The scoreboard shows a different total than the marker recorded:

Part 7: Mental Game and Performance (30 minutes)

Analyze the psychological aspects of darts:

7.1 Pressure Situation Analysis

Describe your mental approach to these scenarios:

- 1. You need a double 16 to win the match, with your opponent waiting on a finish:

- 2. You've missed three darts at a double and feel frustration building:

- 3. You're playing in front of a large crowd for the first time:

7.2 Performance Enhancement Plan

Create a structured practice routine addressing these areas:

Warm-up Routine

Focus Exercises

Pressure Practice

Part 8: Equipment and Technical Analysis (20 minutes)

Evaluate equipment choices and throwing mechanics:

8.1 Equipment Selection

Compare and contrast different dart specifications:

Feature	Brass Darts	Tungsten Darts	Nickel Darts
Weight Range			
Durability			
Cost Factor			

8.2 Throwing Mechanics Analysis

Identify and correct common technical flaws:

1. Stance and Alignment:

2. Grip Pressure and Position:

3. Release Point Consistency:

4. Follow-through Motion:

Assessment Completion

Scoring Guide

Section	Points Available
Part 1: Basic Knowledge	15 points
Part 2: Scoring Calculations	25 points
Part 3: Safety and Etiquette	20 points
Part 4: Strategic Thinking	20 points
Total Possible Score	80 points

Teacher Comments:

Teacher Signature: _____ Date: _____

Student Signature: _____ Date: _____