

# Kentucky Derby Museum Virtual Field Trip Teacher's Guide

Experience the excitement of the Kentucky Derby from your classroom! Our virtual field trip features three modules: Derby Basics, Derby History, and Derby Math. Each module is aligned with the standards for 4th and 5th grades. While all modules are standalone, it is suggested to combine the Derby Basics module with a content module (history or math).

The field trip is structured for 2 different pathways of instruction:

1. A classroom-wide, teacher-facilitated experience. This pathway includes printable student activities and videos.
2. An independent Kahoot experience, focused on self-driven digital-first learning.

## Derby Basics Module

### Module Overview

In this module, students will explore the history, traditions, and excitement of the Kentucky Derby, often called the “Most Exciting Two Minutes in Sports.” They will learn about Churchill Downs, the Twin Spires, Thoroughbred horses, the Road to the Kentucky Derby, and the special prizes awarded in the Winner’s Circle.

### Learning Goals & Standards Alignment

This module aligns to the Common Core State Standards (CCSS) for English Language Arts (Writing).

- Students will deepen their understanding of the Kentucky Derby by explaining key ideas using facts, definitions, and concrete details drawn from videos and the informational reading, *The Kentucky Derby: The Most Exciting Two Minutes in Sports*.
  - Aligned Standards:
    - CCSS.ELA-Writing: W.4.2.b, W.5.2.b
- Students will use domain-specific vocabulary related to Thoroughbred racing, Churchill Downs, and Derby traditions to effectively inform and explain their topic.
  - Aligned Standards:
    - CCSS.ELA-Writing: W.4.2.d, W.5.2.d
- Students will compose a paragraph that summarizes their main ideas and reinforces the significance of the Kentucky Derby as “The Most Exciting Two Minutes in Sports.”
  - Aligned Standards:
    - CCSS.ELA-Writing: W.4.2.e, W.5.2.e
- Students will analyze, synthesize, and integrate information from multiple sources—including videos, readings, and graphic organizers/Kahoots—to create a basic understanding of the Kentucky Derby’s history and traditions.

- Aligned Standards:
  - CCSS.ELA-Writing: W.4.2, W.5.2
- Students will plan and draft informative writing about the Kentucky Derby that clearly conveys ideas, using evidence and appropriate vocabulary.
  - Aligned Standards:
    - CCSS.ELA-Writing: W.4.2, W.5.2

## Relevant Standards:

- CCSS.ELA-Literacy.W.4.2: Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
  - CCSS.ELA-Literacy.W.4.2.b: Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.
  - CCSS.ELA-Literacy.W.4.2.d: Use precise language and domain-specific vocabulary to inform about or explain the topic.
  - CCSS.ELA-Literacy.W.4.2.e: Provide a concluding statement or section related to the information or explanation presented.
- CCSS.ELA-Literacy.W.5.2: Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
  - CCSS.ELA-Literacy.W.5.2.b: Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.
  - CCSS.ELA-Literacy.W.5.2.d: Use precise language and domain-specific vocabulary to inform about or explain the topic.
  - CCSS.ELA-Literacy.W.5.2.e: Provide a concluding statement or section related to the information or explanation presented.

## Resources List

### Using Printouts and Watching Videos as a Class

1. Derby Basics Video (2:21 minutes)
2. Derby Prizes Video (8:57 minutes)
3. Printables
  - a. Packet Called: Derby\_Basics\_Informational\_Text\_Writing.pdf
    - i. Planning Informative Writing Sheet - I Know / I Wonder
    - ii. Research: Listening Graphic Organizer (for Videos)
    - iii. Research: Reading Graphic Organizer
    - iv. Research Reading Informational Essay - *The Kentucky Derby: The Most Exciting Two Minutes in Sports*

### Using Kahoot

1. Kentucky Derby Museum Virtual Field Trip Kahoot Course
  - a. Derby Basics Module:
    - i. Derby Basics Video with Comprehension Questions Kahoot
    - ii. Derby Prizes Video with Comprehension Question Kahoot
    - iii. *The Kentucky Derby: The Most Exciting Two Minutes in Sports* story

## How Students Will Learn: 2 Pathway Options

Through Using Printouts and Watching Videos as a Class	Using Kahoot
<ol style="list-style-type: none"> <li>1. Before Watching the Videos:               <ol style="list-style-type: none"> <li>a. Complete the “Planning: Informative Writing: I Know / I Wonder” activity to activate prior knowledge and ask questions about the Derby.</li> </ol> </li> <li>2. During the Videos: (total video length: 11:18 minutes)               <ol style="list-style-type: none"> <li>a. Use the Research: Listening Graphic Organizer (for Videos) to capture key information                   <ol style="list-style-type: none"> <li>i. Watch Derby Basics (2:21 minutes)</li> <li>ii. Watch Derby Prizes (8:57 minutes)</li> </ol> </li> </ol> </li> <li>3. Reading the Passage:               <ol style="list-style-type: none"> <li>a. Read <i>The Kentucky Derby: The Most Exciting Two Minutes in Sports</i>.                   <ol style="list-style-type: none"> <li>i. Use the reading graphic organizer to record key facts</li> </ol> </li> </ol> </li> <li>4. Summative Essay Assignment:               <ol style="list-style-type: none"> <li>a. Write an informative essay about the Kentucky Derby.                   <ol style="list-style-type: none"> <li>i. Students will use evidence from both the videos and the reading passage.                       <ol style="list-style-type: none"> <li>1. Clear introduction</li> <li>2. Main ideas with facts and examples</li> <li>3. Domain-specific vocabulary</li> <li>4. Clear conclusion</li> </ol> </li> </ol> </li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Open the course and navigate to the Derby Basics Module</li> <li>2. Complete: Derby Basics Video with Comprehension Questions Kahoot               <ol style="list-style-type: none"> <li>a. Comprehension Questions throughout the video</li> </ol> </li> <li>3. Complete: Derby Prizes Video with Comprehension Questions Kahoot               <ol style="list-style-type: none"> <li>a. Comprehension Questions throughout the video</li> </ol> </li> <li>4. <i>The Kentucky Derby: The Most Exciting Two Minutes in Sports Story</i> <ol style="list-style-type: none"> <li>a. Read the passage and complete the Derby Basics: The Kentucky Derby: The Most Exciting Two Minutes in Sports Informative Writing Kahoot</li> </ol> </li> </ol>

## Derby History Module

### Module Overview



Students explore the origins and growth of the Kentucky Derby, the contributions of African American jockeys, and how Matt Winn transformed the Derby into a national celebration.

## Learning Objectives and Standards Alignment

This module utilizes the College, Career, and Civic Life (C3) Framework for Social Studies State Standards.

- Students will identify the causes of key historical events in the Kentucky Derby's history using a graphic organizer completed after viewing the three learning videos.
  - Aligned Standards
    - C3: D2.His.14.3-5, D4.2.3-5
- Students will analyze and respond to guiding questions about primary sources from the Kentucky Derby Museum collection.
  - Aligned Standards
    - C3: D3.3.3-5, D3.4.3-5
- Students will develop a well-supported claim explaining why no Black jockey has won the Kentucky Derby since 1902, using evidence, reasoning, examples, and details drawn from the videos and primary sources.
  - Aligned Standards
    - C3: D2.His.16.3-5, D4.2.3-5

## Relevant Standards

### C3 Framework:

- D2.His.14.3-5. Explain probable causes and effects of events and developments.
- D2.His.16.3-5. Use evidence to develop a claim about the past.
- D3.3.3-5. Identify evidence that draws information from multiple sources in response to compelling questions.
- D3.4.3-5. Use evidence to develop claims in response to compelling questions.
- D4.2.3-5. Construct explanations using reasoning, correct sequence, examples, and details with relevant information and data.

## Resources

### Using Printouts and Watching Videos as a Class

1. The Origins of the Kentucky Derby Video (2:52 minutes)
2. The Early Years of the Kentucky Derby Video (2:48 minutes)
3. Matt Winn and the Making of a Holiday Video (7:46 minutes)
4. Printables:
  - a. *Derby History: Cause and Effect (with Teacher Key)*
  - b. *Derby History: Document-Based Question*

Using Kahoot (independent instruction)

1. Kentucky Derby Museum Virtual Field Trip Kahoot Course
  - a. Derby History Module:
    - i. The Origins of the Kentucky Derby Video with Comprehension Questions Kahoot
    - ii. The Early Years of the Kentucky Derby Video with Comprehension Questions Kahoot
    - iii. Matt Winn and the Making of a Holiday Video with Comprehension Questions Kahoot
    - iv. Document-Based Question Story

**How Students Will Learn: 2 Pathway Options**

Through Using Printouts and Watching Videos as a Class	Using Kahoot
<ol style="list-style-type: none"> <li>1. During the Videos (total video length: 13:26 minutes)           <ol style="list-style-type: none"> <li>a. Use the Research: Listening Cause and Effect sheet (for Videos) to capture key cause and effect events in Derby history               <ol style="list-style-type: none"> <li>i. Watch the Origins of the Kentucky Derby (2:52 minutes)</li> <li>ii. Watch the Early Years of the Kentucky Derby (2:48 minutes)</li> <li>iii. Watch Matt Winn and the Making of a Holiday (7:46 minutes)</li> </ol> </li> </ol> </li> <li>2. Completed the Derby History: Document-Based Question           <ol style="list-style-type: none"> <li>a. Read the introduction passage               <ol style="list-style-type: none"> <li>i. Record key information on the Document-Based Question graphic organizer</li> </ol> </li> <li>b. Look through and answer the guiding questions for the primary sources</li> <li>c. Answer the guiding question in full paragraphs using information from the videos,</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Open the course and navigate to the Derby History Module</li> <li>2. Complete: The Origins of the Kentucky Derby Video with Comprehension Questions Kahoot           <ol style="list-style-type: none"> <li>a. Comprehension Questions throughout the video</li> </ol> </li> <li>3. Complete: The Early Years of the Kentucky Derby Video with Comprehension Questions Kahoot           <ol style="list-style-type: none"> <li>a. Comprehension Questions throughout the video</li> </ol> </li> <li>4. Complete: Matt Winn and the Making of a Holiday with Comprehension Questions Kahoot           <ol style="list-style-type: none"> <li>a. Comprehension Questions throughout the video</li> </ol> </li> <li>5. Derby History: Document-Based Question Story           <ol style="list-style-type: none"> <li>a. Read the instructions in the story</li> <li>b. Read the Introduction Information Passage</li> <li>c. Complete the Derby History: Introduction Passage Document-Based Question</li> <li>d. Complete the Derby History: Document-Based Question Kahoot</li> <li>e. Using either a digital tool or a paper draft and an answer to</li> </ol> </li> </ol>

<p>introduction passage, and sources: Why do you think no Black jockey has won the Derby since 1902?</p> <ul style="list-style-type: none"> <li>i. Clear introduction</li> <li>ii. Main ideas with facts and examples supported by sources</li> <li>iii. Domain-specific vocabulary</li> <li>iv. Clear conclusion</li> </ul>	<p>the guiding question in full paragraphs</p>
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## Derby Math Module

### Module Overview

In this module, students will explore how the Kentucky Derby drives the economy and affects businesses, workers, and the city of Louisville.

### Learning Objectives and Standards Alignment

This module utilizes the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and Common Core State Standards (CCSS) for Mathematics. The concepts of probability and ratios are introduced but not assessed due to alignment with 4th- and 5th-grade levels.

#### C3 Framework:

- Students will identify and explain how supply and demand influence the prices and availability of goods and services related to the Kentucky Derby.
  - Aligned Standard:
    - D2.Eco.2.3-5, D2.Eco.3.3-5
- Students will explain how the Kentucky Derby supports industries both directly (e.g., racing, tourism) and indirectly (e.g., catering, decor).
  - Aligned Standard:
    - D2.Eco.11.3-5
- Students will explain how large events benefit communities by generating income through monetary circulation and by contributing to public goods through taxes.
  - Aligned Standard:
    - D2.Eco.12.3-5, D2.Eco.13.3-5

#### Common Core Math:

- Students will solve addition-based word problems using Derby-related contexts.
  - Aligned Standards:
    - CCSS.MATH.CONTENT.4.NBT.B.4

- Students will solve multiplication word problems related to real-world Derby scenarios.
  - Aligned Standards:
    - CCSS.MATH.CONTENT.4.NBT.B.5
- Students will solve multi-step word problems involving both multiplication and addition.
  - Aligned Standards:
    - CCSS.MATH.CONTENT.5.OA.A.1, CCSS.MATH.CONTENT.4.OA.A.3
- Students will read and interpret line graphs and use addition to analyze data trends.
  - Aligned Standards:
    - CCSS.MATH.CONTENT.4.MD.B.4, CCSS.MATH.CONTENT.5.MD.B.2
- Students will multiply decimals in real-world Derby contexts, such as tax calculations.
  - Aligned Standards:
    - CCSS.MATH.CONTENT.5.NBT.B.7

## Relevant Standards

### C3 Framework:

- D2.Eco.2.3-5 – Identify positive and negative incentives that influence decisions.
- D2.Eco.3.3-5 – Explain how supply and demand affect markets.
- D2.Eco.11.3-5 – Explain how trade leads to economic interdependence.
- D2.Eco.12.3-5 – Explain how the government uses taxes to provide goods and services.
- D2.Eco.13.3-5 – Describe how people in different communities are connected economically.

### Common Core Math:

- CCSS.MATH.CONTENT.4.NBT.B.4 — Fluently add multi-digit whole numbers.
- CCSS.MATH.CONTENT.4.NBT.B.5 — Multiply a whole number of up to four digits by a one-digit whole number.
- CCSS.MATH.CONTENT.5.OA.A.1 — Use parentheses, brackets, or braces in numerical expressions.
- CCSS.MATH.CONTENT.4.OA.A.3 — Solve multistep word problems using the four operations.
- CCSS.MATH.CONTENT.4.MD.B.4 — Represent and interpret data.
- CCSS.MATH.CONTENT.5.MD.B.2 — Represent and interpret data.
- CCSS.MATH.CONTENT.5.NBT.B.7 — Add, subtract, multiply, and divide decimals to hundredths.

## Resources

### Using Printouts and Watching Videos as a Class

1. What is the Economy? Video (4:58 minutes)
2. Circulation of Money Video (6:28 minutes)



3. Derby Probability Video (10:12 minutes)
4. Derby Math: Heading to the Derby Deck (PPT)
5. Printables:
  - a. Derby Math: Economic Explain and Identify

Using Kahoot  
What

1. Kentucky Derby Museum Virtual Field Trip Kahoot Course
  - a. Derby Math Module
    - i. What is the Economy? Video with Comprehension Questions (including explain and identify) Kahoot
    - ii. Circulation of Money Video with Comprehension Questions (including explain and identify) Kahoot
    - iii. Derby Probability Video with Comprehension Questions Kahoot
    - iv. Derby Math: Heading to the Derby Deck Kahoot

**How Students Will Learn: 2 Pathway Options**

Through Using Printouts and Watching Videos as a Class	Using Kahoot
<ol style="list-style-type: none"> <li>1. During the What is the Economy and Circulation of Money Video (total video length: 11:26 minutes)               <ol style="list-style-type: none"> <li>a. Use the Derby Math: Economic Explain and Identify sheet to capture key economic ideas</li> </ol> </li> <li>2. Watch the Derby Probability Video</li> <li>3. Solve the Derby Math: Heading to the Derby Deck</li> </ol>	<ol style="list-style-type: none"> <li>1. Open the course and navigate to the Derby Math Module</li> <li>2. Complete: What is the Economy? Video with Comprehension Questions (including explain and identify) Kahoot               <ol style="list-style-type: none"> <li>a. Fill out the comprehension questions throughout</li> </ol> </li> <li>3. Complete: Circulation of Money Video with Comprehension Questions (including explain and identify) Kahoot               <ol style="list-style-type: none"> <li>a. Fill out the comprehension questions throughout</li> </ol> </li> <li>4. Complete: Derby Probability Video with Comprehension Questions Kahoot               <ol style="list-style-type: none"> <li>a. Fill out the comprehension questions throughout</li> </ol> </li> <li>5. Solve the Derby Math: Heading to the Derby Deck Kahoot</li> </ol>