What do we know about balls? What do we want to find out?

Vocabulary—English: examine, compound word, organize, estimate, sphere, tally

Spanish: examinar, palabra compuesta, organizar, calcular, esfera, llevar la cuenta

	compound word, organize, estimate, spi	nere, tany		Spansn. examinar, palabra con	ipuesta, organizar, calcular, estera,
	Day 1	Day 2	Day 3	Day 4	Day 5
Interest Areas	Library: books about balls Technology: eBook version of <i>The Little Red Hen</i>	Toys and Games: ball collection Technology: eBook version of <i>Have a Ball</i>	Toys and Games: containers to organize the ball collection	Toys and Games: containers to organize the ball collection Technology: eBook version of <i>Have a Ball</i>	Toys and Games: box with lie interesting collection of small Technology: eBook version o <i>The Little Red Hen</i>
Question of the Day	Which is your favorite ball to play with?	Is your ball bigger or smaller than this one (show small ball)?	Is your ball bigger or smaller than this one (show large ball)?	Does the guessing jar have more or fewer than 10 balls?	How many times can you bo this ball?
Large Group	Game: What's Inside the Box? Discussion and Shared Writing: Types of Balls Materials: Mighty Minutes 31, "What's Inside the Box?"; box; ball collection	Song: "She Brought a Football" Discussion and Shared Writing: Share a Ball Materials: small ball for comparison; Mighty Minutes 03, "Purple Pants"	Game: What's Inside the Box? Discussion and Shared Writing: What Can We Do With Balls? Materials: large ball for comparison; box with lid; small, nonsports ball; 3–4 different balls; Mighty Minutes 31, "What's Inside the Box?"	Song: "Clap a Friend's Name" Discussion and Shared Writing: What Do We Know About Balls? Materials: Mighty Minutes 40, "Clap a Friend's Name"; ball collection; CD or other flat disk	Movement: bouncing a ball Discussion and Shared Writ i What Do We Want to Find C About Balls?
Read-Aloud	<i>The Little Red Hen</i> Book Discussion Card 05 (first read-aloud)	Have a Ball	<i>The Little Red Hen</i> Book Discussion Card 05 (second read-aloud)	Have a Ball	<i>The Little Red Hen</i> Book Discussion Card 05 (third read-aloud)
Small Group	Option 1: Busy Bs Intentional Teaching Card LL16, "Tongue Twisters" Option 2: Sorting B Intentional Teaching Card LL12, "Same Sound Sort"; collection of items that start with B; bag or box to store items	Option 1: Comparing and Describing Balls Intentional Teaching Card LL01, "Shared Writing"; ball collection Option 2: Features of the Ball Collection in Words and Pictures Intentional Teaching Card LL01, "Shared Writing"; digital camera; ball collection	Option 1: Laughing Leo Intentional Teaching Card LL19, "Silly Names"; chart paper; sentence strips Option 2: Laughing Leo and Dancing Daphne Intentional Teaching Card LL19, "Silly Names"; chart paper; sentence strips; digital camera	Option 1: Can You Guess? Intentional Teaching Card M17, "Guessing Jar"; large plastic jar; ball collection Option 2: What's More? Intentional Teaching Card M19, "Which Has More?"; resealable bags; ice cube trays or egg cartons; collection of small, similar-sized objects	Option 1: Counting the Colle Intentional Teaching Card M06, "Tallying"; ball collecti clipboard; paper; pencils or c Option 2: Bounce & Count Intentional Teaching Card M "Bounce & Count"; a variety balls that bounce; numeral ca
Mighty Minutes®	Mighty Minutes 15, "Say It, Show It"	Mighty Minutes 32, "Walk the Line"	Mighty Minutes 74, "Jack in the Box"	Mighty Minutes 47, "Step Up"	Mighty Minutes 33, "Thumb

.,	
	Make Time for
n lid: nall balls n of bounce	 Outdoor Experiences Variety of Balls Bring a variety of balls outdoors for children to play with and explore. On day 5, encourage family members to come and play ball with the children.
ll riting: d Out	 Family Partnerships Send home a letter to families describing the study and enlisting their participation. Invite family members to come and play ball with children during outdoor time. Invite families to access the eBooks, <i>The Little Red Hen</i> and <i>Have a Ball</i>. Wow! Experiences Day 5: Visit from family members to play ball with the children outdoors
ollection ection; r crayons t . M18, ety of l cards mbs Up"	
mos op	

AT A GLANCE Investigation 1

Do all balls bounce?

Vocabulary—English: circumference, length, shorter, longer, sphere

Spanish: circunferencia, longitud, más corto, más largo, esfera

Interest Areas of small balls Technology: effoot version of The Three Billy Gaus GraffToys and Games: sorting trays; a variety of small balls and circlesToys and Games: add spheres and circles to sort Technology: effoot version of The Three Billy Gaus GraffQuestion of the DayDo you think all balls bounce?Is your head bigger or smaller than this ball?Do heavy balls bounce?Large GroupMovement: The Imaginary Ball Discussion and Shared Writing: Which Balls Will Bounce?Movement: The Imaginary Ball Discussion and Shared Writing: Which Balls Will Bounce?Song: Clap a Friend's Name Discussion and Shared Writing: Which Balls Will Bounce?Read-AloudThe Three Billy Gaat: Graff Book Discussion Card 06 (first read-aloud)BounceBounceSmall GroupOption 1: Bhymes With Ball Book Discussion Card 06 (first read-aloud)BounceOption 1: the Long and Short of It Intentional Teaching Card L1:14, "Did You Ever Bee?: pietures of familiar animals; audio recorder Been of song with hyming words; prop that ullustrates peem or song With Set
Gasts Gruff Gasts Gruff Question of the Day Do you think all balls bounce? Is your head bigger or smaller than this ball? Do heavy balls bounce? Large Group Movement: The Imaginary Ball Discussion and Shared Writing: Which Balls Movement: The Imaginary Ball Song: Clap a Friend's Name Discussion and Shared Writing: Which Balls Discussion and Shared Writing: Which Balls Movement: The Imaginary Ball Discussion and Shared Writing: Weight and Bounciness Materials: Mighty Minutes 41, "The Imaginary Ball Collection; numeral cards; digital camera: Play Ball Discussion Card 06 (first read-aloud) Materials: Mighty Minutes 40, "Clap a Friend's Name?; ball collection Read-Aloud The Three Billy Gasts Gruff Bounce Bounce The Three Billy Gasts Gruff Book Discussion Card 06 (first read-aloud) Option 1: The Long and Short of it Option 1: Letters, Letters Intentional Teaching Card LL10, "Rhyming Chart"; poem or song with rhyming words: prop that illustrates poem or song Option 2: How Big Around? Intentional Teaching Card LL10, "Letters, Letters, Letters, Letters, Letters, Letters, Letters, Sec?; pictures of familiar animals; audio recorder Option 2: How Big Around? Intentional Teaching Card LL21, "Buried Treasures"; magnetic letters, inge magnet; rule; tape; sand table with sand
Large Group Movement: The Imaginary Ball Movement: The Imaginary Ball Song: Clap a Friend's Name Discussion and Shared Writing: Which Balls Discussion and Shared Writing: Height and Bounciness Discussion and Shared Writing: Weight and Bounciness Materials: Mighty Minutes 41, "The Imaginary Ball", Discussion and Shared Writing: Weight and Bounciness Discussion and Shared Writing: Weight and Bounciness Read-Aloud The Three Billy Goats Gruff Bounce The Three Billy Goats Gruff Book Discussion Card 06 (first read-aloud) Bounce The Three Billy Goats Gruff Small Group Option 1: Rhymes With Ball Discussion Gard M25, "The Long and Short of It Option 1: Letters, Letters, Letters Internitional Teaching Card LL10, "Rhyming Chart"; Joens or song with hyming words; prop that illustrates poem or song Option 2: Rhyming Zoo Option 2: Rhyming Zoo Internitional Teaching Card LL14, "Did You Ever Sec?"; pictures of familiar animals; audio recorder Option 2: How Big Around? Intentional Teaching Card LL21, "Buried Treasures", magnetic letters; large magnet; rule; tape; sand table with sand
Discussion and Shared Writing: Which Balls Will Bounce?Discussion and Shared Writing: Height and BouncinessDiscussion and Shared Writing: Height and BouncinessDiscussion and Shared Writing: Weight and BouncinessMaterials: Mighty Minutes 41, "The Imaginary Ball"; ball collection; numeral cards; digital camera; Play BallMaterials: Mighty Minutes 15, "Say It, Show It"; ball collectionMaterials: Mighty Minutes 40, "Clap a Friend's Name"; ball collectionRead-AloudThe Three Billy Goats Gruff Book Discussion Card 06 (first read-aloud)BounceThe Three Billy Goats Gruff Book Discussion Card 06 (second read-aloud)Small GroupOption 1: Rhymes With Ball Intentional Teaching Card LL10, "Rhyming Chart"; poem or song with rhyming words; prop that illustrates poem or songOption 1: The Long and Short of It Intentional Teaching Card LL10, "Rhyming Chart"; poem or song with rhyming words; prop that illustrates poem or songOption 2: Rhyming Zoo Intentional Teaching Card LL14, "Did You Ever Se?"; pictures of familiar animals; audio recorderOption 2: How Big Around? Intentional Teaching Card LL21, "Buried Treasures"; angentic letters; large magnet; dety: pictures of familiar animals; audio recorderOption 2: nor string; scissorsOption 2: Buried Treasures Intentional Teaching Card HL21, "Buried Treasures; large magnet; dety: pictures of familiar animals; audio recorderNot string; scissorsOption 2: Row Priend's Name; pictures; pictures of the string Intentional Teaching Card HL21, "Buried Treasures; page to letters; large magnet; dety: pictures of familiar animals; audio recorder
Will Bounce?and BouncinessBouncinessMaterials: Mighty Minutes 41, "The Imaginary Ball", ball collection; numeral cards; digital camera; Play BallMaterials: Mighty Minutes 15, "Say It, Show It"; ball collectionMaterials: Mighty Minutes 40, "Clap a Friend's Name"; ball collectionRead-AloudThe Three Billy Goats Gruff Book Discussion Card 06 (first read-aloud)BounceThe Three Billy Goats Gruff Book Discussion Card 06 (second read-aloud)Small GroupOption 1: Rhymes With Ball Intentional Teaching Card LL10, "Rhyming Charr"; poem or song with rhyming words; prop that illustrates poem or songOption 1: The Long and Short of It Intentional Teaching Card LL10, "Rhyming Charr"; poem or song with rhyming Con Intentional Teaching Card LL14, "Did You Ever Sec?"; pictures of familiar animals; audio recorderOption 2: How Big Around?" Big Around?" A variety of circular objects; ball of yarn or string; scissorsOption 2: Bried Teessures Intentional Teaching Card LL21, "Buried Tressures"; nagerici Letters; nagerici preters; nagerici Letters; hard be with sand
Ball"; ball collection; numeral cards; digital camera; Show It"; ball collection Friend's Name"; ball collection Read-Aloud The Three Billy Goats Gruff Bounce Bounce The Three Billy Goats Gruff Small Group Option 1: Rhymes With Ball Option 1: The Long and Short of It Deption 1: Letters, Letters, Letters Intentional Teaching Card LL10, "Rhyming Chart"; poem or song Option 2: Rhyming Zoo Intentional Teaching Card LL14, "Did You Ever See?"; pictures of familiar animals; audio recorder Option 2: How Big Around?"; a variety of circular objects; ball of yarn or string; scissors Option 2: Buried Treasures
Book Discussion Card 06 (first read-aloud)Book Discussion Card 06 (second read-aloud)Small GroupOption 1: Rhymes With Ball Intentional Teaching Card LL10, "Rhyming Chart"; poem or song with rhyming words; prop that illustrates poem or songOption 1: The Long and Short of It Intentional Teaching Card LL07, "Letters, Letters, Long and Short of It"; ribbons of equal width, cut into different lengthsOption 1: Letters, Letters, Letters Intentional Teaching Card LL07, "Letters, Letters, is alphabet rubber stamps; colored inkpads; construction paperOption 2: Rhyming Zoo Intentional Teaching Card LL14, "Did You Ever See?"; pictures of familiar animals; audio recorderOption 2: How Big Around? Big Around?"; a variety of circular objects; ball of yarn or string; scissorsOption 2: Buried Treasures Intentional Teaching Card LL21, "Buried Treasures"; magnetic letters; large magnet; ruler; tape; sand table with sand
Intentional Teaching Card LL10, "Rhyming Chart"; poem or song with rhyming words; prop that illustrates poem or songIntentional Teaching Card M25, "The Long and Short of It"; ribbons of equal width, cut into different lengthsIntentional Teaching Card LL07, "Letters, Letters, Letters"; alphabet rubber stamps; colored inkpads; construction paperOption 2: Rhyming Zoo Intentional Teaching Card LL14, "Did You Ever See?"; pictures of familiar animals; audio recorderOption 2: How Big Around? Big Around?"; a variety of circular objects; ball of yarn or string; scissorsIntentional Teaching Card LL21, "Buried Treasures"; magnetic letters; large magnet; ruler; tape; sand table with sand
poem or song with rhyming words; prop that illustrates poem or songLong and Short of It"; ribbons of equal width, cut into different lengthsLetters, Letters"; alphabet rubber stamps; colored inkpads; construction paperOption 2: Rhyming Zoo Intentional Teaching Card LL14, "Did You Ever See?"; pictures of familiar animals; audio recorderOption 2: How Big Around? Big Around?"; a variety of circular objects; ball of yarn or string; scissorsOption 2: Buried Treasures Intentional Teaching Card LL21, "Buried Treasures"; magnetic letters; large magnet; ruler; tape; sand table with sand
Intentional Teaching Card LL14, "Did You Ever See…?"; pictures of familiar animals; audio recorder dig Around?"; a variety of circular objects; ball of yarn or string; scissors dig and table with sand
See?"; pictures of familiar animals; audio recorder Big Around?"; a variety of circular Treasures"; magnetic letters; large magnet; ruler; tape; sand table with sand
Mighty Minutes [®] Mighty Minutes 30, "Bounce, Bounce, Bounce" Mighty Minutes 33, "Thumbs Up": two Mighty Minutes 37, "Little Ball": ball
items with the same initial sound

Time for...

or Experiences

Balls

s outside to see which balls bounce lest. Invite the children to make ons and test them.

ne children to test how balls bounce rent surfaces, e.g., rocks, sand, grass, crete.

ble, have children test the balls by g them from various heights, e.g., 2ps, and climber.

un

entional Teaching Card P05, "Throw hrow Far," and follow the guidance card.

Partnerships

me a note to families encouraging talk with their children about their childhood ball games.

Investigation 2 AT A GLANCE

Do all balls roll?

Vocabulary—English: energy, force, gravity, market, shade, flat, circular, sphere, fast, faster, fastest

S	panish: energía,	fuerza	gravedad	mercado	sombra	nlano	circul

				nora, prano, en earan,
	Day 1	Day 2	Day 3	Make Tir
Interest Areas	Discovery: Basket of 10–20 of the same kind of small ball, e.g., golf balls; a small scale	Blocks: Ramps and balls	Blocks: Ramps and balls	Outdoor
		Technology: eBook version of <i>The Three Billy</i> <i>Goats Gruff</i>	Technology: eBook version of <i>The Three</i> <i>Little Pigs</i>	Rolling Our Bo
		Intentional Teaching Card SE14, "Playing Together"	Intentional Teaching Card SE03, "Calm- Down Place"	 Encourage or grassy area, Physical Fun
Question of the Day	Do all balls roll?	Do you think you could roll a pancake?	Can you find something in our classroom that is a sphere?	• Review Inte "Balloon Ca the card.
Large Group	Poem: "Little Ball"	Poem: "Come Play With Me"	Game: I Spy(sphere–circle hunt)	Family Pa
	Discussion and Shared Writing: Do All Balls Roll?	Discussion and Shared Writing: Round Like a Pancake or Round Like a Ball (Sphere)?	Discussion and Shared Writing: Height and Rolling Balls	• Invite a fam to visit the c "What mak
	Materials: Mighty Minutes 37, "Little Ball"; ball collection	Materials: Mighty Minutes 42, "Come Play With Me"; play dough or clay; several flat, circular objects	Materials: Mighty Minutes 19, "I Spy With My Little Eye"; ball collection; low ramp	• Invite famil The Three Li The Three B
Read-Aloud	Bounce	<i>The Three Billy Goats Gruff</i> Book Discussion Card 06 (third read-aloud)	The Three Little Pigs	
Small Group	Option 1: On a Roll	Option 1: I'm Thinking of a Shape	Option 1: Environmental Print	
	Intentional Teaching Card M06, "Tallying"; rolling station or ramp; ball collection; geometric solids of varying shapes; disk-shaped objects; clipboard; paper; pencils or crayons	Intentional Teaching Card M20, "I'm Thinking of a Shape"; geometric solids; empty containers that are shaped like the geometric solids	Intentional Teaching Card LL23, "Playing With Environmental Print"; a variety of environmental print; photos of road and store signs	
	Option 2: Rolling Ramp	Option 2: Straw Shapes	Option 2: Baggie Books	
	Intentional Teaching Card M02, "Counting & Comparing"; rolling station or ramp; ball collection; geometric solids of varying shapes; flat disks; card stock; marker	Intentional Teaching Card M42, "Straw Shapes"; geometric shapes; drinking straws of varying lengths; pipe cleaners; paper; pencils or crayons	Intentional Teaching Card LL20, "Baggie Books"; 6–8 resealable bags per book; environmental print; construction paper; scissors; stapler; colorful tape	
Mighty Minutes®	Mighty Minutes 12, "Ticky Ricky"; ball collection	Mighty Minutes 43, "Bouncing Big Brown Balls"	Mighty Minutes 28, "Counting Calisthenics"	

ular, esfera, rápido, más rápido

Time for...

or Experiences

Bodies

ge children to roll their bodies in a ea, on a soft surface or gym mat.

ın

ntentional Teaching Card P07, Catch." Follow the guidance on

Partnerships

family member who plays a sport he class during Investigation 3, nakes balls move?"

milies to access the eBooks, e Little Pigs and e Billy Goats Gruff.

AT A GLANCE Investigation 3

What makes balls move?

Vocabulary—English: energy, force, circumference, height, tip

Totabulary English. chergy, force	· · · · · · · · · · · · · · · · · · ·		
	Day 1	Day 2	Make Time for
Interest Areas	Toys and Games: tools to measure height and circumference Technology: eBook version of <i>The</i> <i>Three Little Pigs</i>	Sand and Water: balls in the water table Intentional Teaching Card SE03, "Calm-Down Place"	Outdoor Experiences Move A Ball • Explore the different ways balls can move or can be moved from one place to another.
Question of the Day	Which ball game do you like best?	How do you think a ball would move if it were floating in water?	• Challenge children to think of all the different ways they can move a ball from one side of the playground to another without touching, hitting, or kicking it. If possible, experiment with
Large Group	Song: "We Like Clapping" Discussion and Shared Writing: Sports Materials: Mighty Minutes 89, "We Like Clapping"; digital camera	Movement: move like water Discussion and Shared Writing: The Force of Water Materials: Mighty Minutes 34, "The Wave"; instrumental music; scarves, streamers, or ribbons; <i>The Three Billy</i> <i>Goats Gruff</i>	 using a leaf blower to move balls across the playground. Invite children to make and test predictions. Take pictures of their investigation. Physical Fun Use Intentional Teaching Card P07, "Balloon Catch." Follow the guidance on the card.
Read-Aloud	The Three Little Pigs	<i>Bounce</i> light beach balls or balloons	 Family Partnerships Invite family or community members to the classroom during Investigation 4, "Who
Small Group	Option 1: Blow a Ball Intentional Teaching Card M26, "Huff & Puff"; straws; masking tape; small, lightweight balls; measuring tools Option 2: Forced Air Intentional Teaching Card M26, "Huff & Puff"; straws; masking tape; small, lightweight balls; measuring tools; hairdryer or fan	Option 1: Letters, Letters, Letters Intentional Teaching Card LL07, "Letters, Letters, Letters"; alphabet rubber stamps; colored inkpads; construction paper Option 2: Buried Treasures Intentional Teaching Card LL21, "Buried Treasures"; magnetic letters; large magnet; ruler; tape; sand table with sand	 uses balls?" Invite a family member who uses an exercise ball. Alternatively, contact a local gym or athletic center to see whether someone is available to show the children how to use an exercise ball. Invite a grandparent or other older family or community member who can tell a story about a ball game he or she played as a child. Invite a family member and his or her pet who plays with a ball, e.g., a dog that catches a ball or a hamster that plays inside a ball. Invite families to access the eBook, <i>The Three</i>
Mighty Minutes®	Mighty Minutes 35, "My Name, Too!"	Mighty Minutes 33, "Thumbs Up"; familiar three-dimensional objects	 Invite families to access the ebook, <i>The Three Little Pigs</i>. Wow! Experiences Day 1: Visit from a family member who plays a sport

Spanish: energía, fuerza, circunferencia, altura, punta

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AT A GLANCE Investigation 4

Who uses balls?

Vocabulary—English: cube, rectangular prism, cylinder, sphere, interview, wrecking ball, pattern

Spanish: cubo, prisma rectangular, cilindro, esfera, entrevista, bol

Vocabulary—English: cube, recta	angular prism, cylinder, sphere, intervie	w, wrecking ball, pattern	Spanish: cubo, prisma rectangular, cilindro, esfera, entrevista, bola de demolición, patrón			
	Day 1	Day 2	Day 3	Day 4	Day 5	Make Time for
Interest Areas	Toys and Games: three- dimensional shape sort	 Blocks: wrecking ball (beach ball tied to a long piece of yarn); cardboard blocks Technology: eBook versions of <i>Have a Ball</i> and <i>Play Ball!</i> 	Dramatic Play: materials suggested during Large-Group Roundup on day 2	Toys and Games: beads, laces Technology: eBook version of <i>Play Ball!</i>	Discovery: natural spherical items; magnifying glasses Art: materials for thank-you notes Library: Intentional Teaching Card SE19, "Friendship & Love Cards"	 Outdoor Experiences Sphere Hunt Have the children look for spherical items outside. Collect or take pictures of the spherical items that the children found.
Question of the Day	What do you think we will see on our site visit?	Have you ever been to a store that sells balls?	Can you make your body into a ball?	What's your favorite thing to do with balls?	What kinds of animals play with balls?	 Physical Fun Review Intentional Teaching Card P06, "Catching With a Scoop." Follow
Large Group	Song: I Can Make a Circle Discussion and Shared Writing: Preparing for the Site Visit Materials: Mighty Minutes 23, "Hi-Ho, the Derry-O"; Mighty Minutes 20, "I Can Make a Circle"	 Book: <i>Have a Ball</i> Discussion and Shared Writing: Questions for the Site Visit Materials: <i>Have a Ball</i>; Intentional Teaching Card SE01, "Site Visits"; digital camera 	Game: Body Patterns Discussion and Shared Writing: Exercise Ball Materials: Mighty Minutes 36, "Body Patterns"; digital camera	Song: "Clap a Friend's Name" Discussion and Shared Writing: Visiting Grandparent Materials: Mighty Minutes 40, "Clap a Friend's Name"; digital camera	Game: animal movement Discussion and Shared Writing: Pets That Play Ball Materials: Mighty Minutes 39, "Let's Pretend"; digital camera; writing materials; paper	 Family Partnerships Encourage children to interview their families about games they played with balls when they were children. Invite families to access the eBook, <i>Play Ball</i>.
Read-Aloud	<i>Just Like Josh Gibson</i> Book Discussion Card 07 (first read-aloud)	Play Ball!	<i>Just Like Josh Gibson</i> Book Discussion Card 07 (second read-aloud)	<i>Play Ball!</i> paper; writing materials; Intentional Teaching Card LL32, "Describing Art"	<i>Just Like Josh Gibson</i> Book Discussion Card 07 (third read-aloud)	 Wow! Experiences Day 2: Site visit to a sporting goods store Day 3: Visitor with an exercise ball
Small Group	Option 1: What's Missing? Intentional Teaching Card LL18, "What's Missing?"; ball collection; bag or box; large piece of paper or cardboard Option 2: Memory Card Game Intentional Teaching Card LL08, "Memory Games"; memory game, lotto game, or a set of duplicate pictures or objects	Option 1: Geoboards Intentional Teaching Card M21, "Geoboards"; geoboards; rubber bands; shape cards Option 2: I'm Thinking of a Shape Intentional Teaching Card M20, "I'm Thinking of a Shape"; geometric solids; empty containers shaped like the geometric solids	Option 1: Bead Patterns Intentional Teaching Card M14, "Patterns"; beads; examples of patterns; construction paper; crayons or markers Option 2: Jewelry Making Intentional Teaching Card M14, "Patterns"; jewelry- making supplies, e.g., beads, string, colored straws; construction paper; crayons or markers	Option 1: Sphere Hunt Book Intentional Teaching Card LL04, "Bookmaking"; cardboard or card stock; paper; pencils, crayons, or markers; bookbinding supplies; clipboards Option 2: Sphere Hunt Computer Book Intentional Teaching Card LL02, "Desktop Publishing"; digital camera; computer; each child's word bank; printer; paper; bookbinding supplies	Option 1: Sphere Hunt Book Intentional Teaching Card LL04, "Bookmaking"; cardboard or card stock; paper; pencils, crayons, or markers; bookbinding supplies; clipboards Option 2: Sphere Hunt Computer Book Intentional Teaching Card LL02, "Desktop Publishing"; digital camera; computer; each child's word bank; printer; paper; bookbinding supplies	 Day 4: Visit from a grandparent or older community member Day 5: Visitor with a ball-playing pet
Mighty Minutes®	Mighty Minutes 04, "Riddle Dee Dee"	Mighty Minutes 42, "Come Play With Me"	Mighty Minutes 30, "Bounce, Bounce, Bounce"	Mighty Minutes 28, "Counting Calisthenics"	Mighty Minutes 05, "Silly Willy Walking"	

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MD.

What are balls made of?

Vocabulary—English: senses, hollow, solid, sculpture, sphere, circle

Spanish: los sentidos, hueca, compacta, escultura, esfera, círculo

Vocabulary—English: senses, hollow				Spanish: los sentidos, hueca, comp	
	Day 1	Day 2	Day 3	Day 4	Day 5
Interest Areas	Art: thin strips (1–2 inches wide) of newspaper or paper towels; glue; water; balloons	 Art: thin strips (1–2 inches wide) of newspaper or paper towels; glue; water; balloons Discovery: balls that can and cannot be opened 	Art: thin strips (1–2 inches wide) of newspaper or paper towels; glue; water; balloonsDiscovery: balls that can and cannot be opened	 Art: completed papier mâché balls; collection of spheres and circles Discovery: deflated balls; pumps Technology: eBook version of <i>Have a Ball</i> 	Art: completed papier mâch collection of spheres and cir Intentional Teaching Card I "Searching the Web" Technology: Web sites that questions about what's insid
Question of the Day	Can you make a ball?	What do you think is inside these balls?	Do you think a bubble is a ball?	What ball-shaped food do you like best?	Can this ball be opened?
Large Group	 Movement: move like a balloon Discussion and Shared Writing: Using Our Senses to Explore Balls Materials: Mighty Minutes 39, "Let's Pretend"; container with balls made of different materials 	Song: "We Like Clapping" Discussion and Shared Writing: What Do You Think Is Inside a Ball? Materials: Mighty Minutes 89, "We Like Clapping"; ball collection	Game: My Name, Too! Discussion and Shared Writing: Hollow and Solid Materials: inflated beach ball; beach ball filled with sand; Mighty Minutes 35, "My Name, Too!"	Song: "We Like Clapping" Discussion and Shared Writing: Ball-Shaped Foods Materials: Mighty Minutes 89, "We Like Clapping"; music; Mighty Minutes 43, "Bouncing Big Brown Balls"	Game: I Spy Discussion and Shared Wr Finding Answers Materials: Mighty Minutes Spy With My Little Eye"; be can't be opened
Read-Aloud	The Doorbell Rang	A Birthday Basket for Tía	The Doorbell Rang	<i>Have a Ball</i> paper; markers	<i>The Doorbell Rang</i> set of 12 counters or other manipulatives
Small Group	Option 1: Walk a Letter Intentional Teaching Card LL17, "Walk a Letter"; masking tape; alphabet cards or chart Option 2: Jumping Beans Intentional Teaching Card LL05, "Jumping Beans"; construction paper; marker; scissors; lamination supplies or clear contact paper; coffee can	Option 1: Rhyming Riddles Intentional Teaching Card LL11, "Rhyming Riddles"; props that rhyme with chosen words Option 2: Rhyming Names Intentional Teaching Card LL10, "Rhyming Chart"; chart paper; marker; poem or song with rhymes; props that illustrate the song or poem; Intentional Teaching Card LL19, "Silly Names"	Option 1: What Happened Next? Intentional Teaching Card LL01, "Shared Writing" Option 2: Continuing the Story Intentional Teaching Card LL04, "Bookmaking"; cardboard or card stock; paper; crayons, pencils or markers; bookbinding supplies	Option 1: Making Play Dough Intentional Teaching Card M15, "Play Dough" (See card for equipment, ingredients, and recipe.) Option 2: Matzo Balls Intentional Teaching Card M24, "Matzo Balls" (See card for equipment, ingredients, and recipe.)	Option 1: Dinnertime Intentional Teaching Card "Dinnertime"; paper or plastic dishes; utensils; napl cups; placemats Option 2: Number Cards Intentional Teaching Card M04, "Number Cards"; set numeral cards with a nume and its number word printe one side; buttons or other s manipulatives
Mighty Minutes®	Mighty Minutes 19, "I Spy With My Little Eye"	Mighty Minutes 38, "Spatial Patterns"	Mighty Minutes 41, "The Imaginary Ball"; numeral cards	Mighty Minutes 24, "Dinky Doo"	Mighty Minutes 25, "Freez dance music; alphabet card

Make Time for... âché balls; Outdoor Experiences circles; d LL26, **Exploring Bubbles** • Bring some bubble solution and wands outside for the children to explore. at answer • Ask, "Is a bubble a ball?" side balls • Ask, "Why is a bubble always round even if you use a square wand?" • Ask, "How are bubbles the same as or different from other types of balls?" • Record the children's ideas and take pictures of their investigation. Writing: Physical Fun • Review Intentional Teaching Card P25, tes 19, "I "Kick Hard." Follow the guidance on balls that the card. Family Partnerships • Invite families to participate in the end-of-study celebration. d M01, apkins; set of meral nted on er small eeze"; rds

AT A GLANCE Celebrating Learning

Vocabulary—English: poem, tally

Vocabulary—English: poem, tally			
	Day 1	Day 2	
Interest Areas	All: displays of children's investigations Technology: eBook version of <i>The</i> <i>Little Red Hen</i>	All: displays of children's investigations Technology: eBook version of <i>Play Ball!</i>	
Question of the Day	Tomorrow, what would you like to show our guests at the celebration about the balls study?	What was your favorite part of the balls study?	
Large Group	Movement: The Imaginary Ball Discussion and Shared Writing: Preparing for the Celebration Materials: Mighty Minutes 41, "The Imaginary Ball"; numeral cards	 Poem: "Come Play With Me" Discussion and Shared Writing: Sharing Special Foods Materials: Mighty Minutes 42, "Come Play With Me"; ball-shaped foods 	
Read-Aloud	<i>The Little Red Hen</i> markers; chart paper	Play Ball!	
Small Group	Option 1: Show Me Five Intentional Teaching Card M16, "Show Me Five"; collection of marbles, buttons, seeds, etc. Option 2: Nursery Rhyme Count Intentional Teaching Card M13, "Nursery Rhyme Count"; cotton balls; green construction paper; numeral cards	Option 1: Recounting the Ball Collection Intentional Teaching Card M06, "Tallying"; clipboard; paper; pencils or crayons Option 2: Voting Intentional Teaching Card M06, "Tallying"; clipboard; paper; pencils or crayons	
Mighty Minutes®	Mighty Minutes 24, "Dinky Doo"	Mighty Minutes 30, "Bounce, Bounce, Bounce"	

Spanish: poema, llevar la cuenta

Make Time for...

Outdoor Experiences

Physical Fun

• Use Intentional Teaching Card P04, "Kick High." Follow the guidance on the card.

Family Partnerships

- Include families in the celebration.
- Invite families to access the eBook, *The Little Red Hen.*

Wow! Experiences

• Day 2: Balls celebration

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