

Gamer Lessons:	Math TEKS	Science TEKS	Social Studies TEKS	ELAR TEKS	Arts TEKS
Quest 1 (Algebra I): “Carnival Mission: Exploring the Cost of Carnival Games”	A2A, A2D, A2H, A3A, A3C			E1(11)(B)	Art I: 1B, 4A; Art II: 1B
Quest 2 (Algebra II): “Shootout: Quadratics in the Real World”	A2.4.D; A2.4.B			E3(11)(B)	Art I: 1B; 4A, Art II: 1B
Quest 3 (Geometry): “Lights, Camera, Action! A Geometry Scavenger Hunt & Scrapbook”	G1A, G1D, G1E, G1O			E2(1)(A), E2(23)(C)	Art I: 1A, 2A; Art II: 2C
Quest 4 (AQR): “How to Beat the Midway: Using Probability to Win Prizes”	4E; 4F			E4(1)(A); E4(15)(D)	Art I – 1A, 1B, 2B, 4A; Art II – 1B, 2B
Quest 5 (Sociology): “Why <i>did</i> I choose this ride?! Sociology on the Midway”			18A, 19A, 21B	E2(16)(A), E2(16)(B)	Art I: 1A, 1B; Art III: 4B
Quest 6 (Psychology): “The House Always Wins...? Attribution Theory and Games”			13A, 15A, 15B, 15C, 15D, 16B	E3(1)(A), E4(15)(D)	Art I: 1A, 1B
Quest 7 (U.S. History): “New Deal=New Midway: This Fair is History”			16C, 19A, 30A	E3(15)(D), E3(21)(C), E3(23)(A)	Art I: 1A, 2A, 3A; Art II: 2B
Quest 8 (Physics): “The Potential to Win: Potential & Kinetic Energy”		4A, 6B, 6D		E3(16)(A), E3(16)(B), E3(16)(C)	Art I: 1A, 1B, 2C; Art II: 3A
Quest 9 (Biology): “A Winner’s Evolution (Evolution FTW)”		2B, 2C, 6D, 6F, 7D		E1(1)(A), E1(15)(D), E1(23)(C)	Art I: 1A, 2C; Art II: 3A, 4B
Quest 10 (Environmental Sci): “Under the Weather: Keeping the Midway Cool”		2F, 2G, 3D, 4D, 6C		E4(1)(A), E4(15)(B)(i), E4(15)(B)(iv), E4(15)(B)(v)	Art I: 1A, 2A, 3C

Foodies Lessons:	Math TEKS	Science TEKS	Social Studies TEKS	ELAR TEKS	Arts TEKS
Quest 1 (Algebra I): “Feast Your Eyes...Sample & Scrutinize”	A2B, A2C, A2H, A3D			E1(11)(B), E1(15)(D)	Art I: 1A, 2B
Quest 2 (Algebra II): “Hungry, Hungry, Hungry Teenagers! Systems of Inequalities”	A2.3.F; A2.3.E; A2.3.GP			E3(14)(B)	Art I: 1A, 2E, 3C; Art II: 1A, 2E
Quest 3 (Geometry): “Tower Transformation: YOU get a new food court! And YOU get a new food court! And YOU get a new food court...”	G1B, G3B G5A, G5B, G5C			E2(15)(B)(i), E2(15)(D)	Art I: 1C, 2A, 4A; Art II: 2C
Quest 4 (AQR): “Hot Dogs, Get Your Hot Dogs! Becoming a Food Vendor at the Fair”	1.a; 1.b; 1.c; 1.e			E4(16)(F), E4(14)(C), E4(25)	Art I: 1C, 2F; Art II: 2B
Quest 5 (Economics): “Fair Decisions: The Economics of Roast Corn, Turkey Legs, and Fried Ice Cream”			118.4 (b)(1-3), (7)(2A-2B)	E4(26), E4(24)(B)	Art I: 1A, 1D, 2F, 4A; Art II: 1D, 2A, 4A
Quest 6 (Geography): “Fresh, Fried, or Citified? How Physical & Cultural Geography Inform Food @ the Fair”			113.43 (b) (1) (A-B), (3), (A-C), (4) (A-C), (6) (A-B), (7) (A-D), (8) (A-C), (10) (A-D), 11 (A-C), (12) (A-C), (15) (A-B), (16) (A-D), (17) (A-D), (18) (1-D), (19), (A-C), (20) (A-B), (21) (A-C), (22) (A-E), (23) (A-C)	E4(1)(A), E4(14)(A)	Art I: 2A, 2F, 3B, 4A Art II: 2A, 2D
Quest 7 (World History/World Geography): “Continental (Crossover) Cuisine: From Columbus to the Corn Dog”			WH (7) (B), WH (7) (C), WH (7) (A), WG.1A, WG 1.B, WG 2.A	E1(13)A, E1(13)B, E1(13)(C), E1(13)(D)	Art I: 1D, 2D, 3A, 4B; Art II: 1C, 2A, 3A
Quest 8 (Chemistry): “Fryday: Chemical Changes in Fair Food”		3C, 3E, 4A, 4D		E2(15)(D), E2(25), E2(26)	Art I: 1A, 2A, 4A
Quest 9 (Biology): “Tastytrophic: Fair Foods on a Totally Trophic Level”		1B, 9A, 9C, 12C		E1(14)(B)	Art I: 1D, 2D, 3A, 4A; Art II: 1D, 3A
Quest 10 (Environmental Sci): “Sustainably Fed: Fast Food Chains and Resources”		4G, 5B, 5C, 5D, 5F		E4(14)(A), E4(18), E4(19)	Art I: 1D, 2D, 2F, 4A; Art II: 1D, 2A, 4E

Live @ the Fair Lessons:	Math TEKS	Science TEKS	Social Studies TEKS	ELAR TEKS	Arts TEKS
Quest 1 (Algebra I): “2 Show or Not 2 Show: Show Animal Investigation”	A3B, A3C, A4B			E1(14)(B)	Art I: 1A, 1D, 2D; Art II: 1D, 2B
Quest 2 (Algebra II): “Going Once, Going Twice...Sold! Solving a System of Linear/Quadratic Equations”	A2. 3.C			E3(15)(D), E3(21)(C), E3(23)(A), E3(25D)	Art I: 1A, 1D, 2A, 2F, 2A; Art II: 1D, 2D, 4A
Quest 3 (Geometry): “Contain the Creatures! A Geometric Analysis of the Livestock Barns”	G2B, G5B, G5C, G11B			E2(14)(A), E2(17)(C), E2(18)(A), E2(19)	Art I: 1B, Art II: 1B
Quest 4 (Pre-Cal): “Serving Your Community: Creating a Function Rule Using Donations Data”	PC.2.e			E4(20)(B), E4(21)(A), E4(21)(B), E4(23)(D), E4(23)(E)	Art I: 1A, 1B, 1C, 2F, 4A; Art II: 2A, 4C
Quest 5 (Economics): “Riding the Crazy Mouse: What’s Opportunity Cost Got To Do With It?”			118.3-5 (2), (5-15), (17), (22-24)	E3(14)(A)	Art I: 1A, 2D; Art II: 2F
Quest 6 (Geography): “Alphabetic Passport: The State Fair Guide to Geography’s ‘Big 5’”			WG.05A, WG.09A, WG.19B	E1(15)(D), E1(25)	Art I: 1A, 1C, 1D, 2F, 4A; Art II: 1A, 2A, 2F, 4A
Quest 7 (Psychology): “An Animalistic Relationship: The Psychology Behind Human-Animal Interactions”			2C, 14D	E1(15)(D), E1(16)(A), E1(25)	Art I: 1A, 1B, 2F, 4A; Art II: 1A, 2D
Quest 8 (U.S. History): “Of Dust and Men: Finding U.S. History in Agriculture”			3B, 12A, 14A, 15B, 27B	E4(16)(A-F)	Art I: 1A, 1B, 1C, 2F, 2A; Art II: 2A, 2D
Quest 9 (Environmental Sci): “A ‘Fron’ness for Plants: Discovering the Errol McKoy Greenhouse”		4A, 4B, 4C		E4(14)(B), E4(18), E4(19)	Art I: 1A, 2A, 2D, 3A, 4A; Art II: 1A, 2D, 3A
Quest 10 (Biology): “Waste Not, Want Not: Animal Waste at the Fair”		11B, 11C, 12E, 12F		E1(14)(A)	Art I: 1A, 1D, 2D, 2F, 4A; Art II: 1A, 2D, 4A
Quest 11 (Chemistry): “Na, K? Keeping Fair Animals in Balance”		10A, 10E		E2(14)(A)	Art I: 1A, 1C, 2B, 4A; Art II: 1A, 1C, 2B, 4C

Cars, Crafts, & Commerce Lessons:	Math TEKS	Science TEKS	Social Studies TEKS	ELAR TEKS	Arts TEKS
Quest 1 (Algebra I): “The Places You’ll Go: Vendor Auto Exploration”	A1B, A1F, A3B, A3C, A4B			E1(13)(A), E1(13)(B), E1(13)(C), E1(13)(D), E1(13)(E)	Art I: 1A, 1B, 2F; Art II: 1A, 2B, 2D
Quest 2 (Algebra II): “#iheartshopping: Vendor Data on Graphs”	A2.2.A; A2.7.I			E3(15)(D), E3(25), E3(26)	Art I: 1A, 1C, 2B, 4A; Art II: 1A, 1C, 2B
Quest 3 (Geometry): “If I go to the Fair...then I will have fun! A Real World Look at ‘If, Then’ Statements”	G1A, G1F, G1G, G4B			E2(14)(B)	Art I: 1A, 1D, 2D, 2F; Art II: 1A, 1D, 2F
Quest 4 (Pre-Cal): “Hot Wheels: Making Your Dream Car a Reality”	PC.2.n			E4(14)(A), E4(18), E4(19)	Art I: 1A, 1D, 2F, 4B; Art II: 1A, 2D, 4B
Quest 5 (Government): “Patently Fair: How Patents Foster Competition at the Auto Show”			5C, 5D	E4(21)(A), E4(21)(B), E4(21)(C), E4(23)(A), E4(23)(B), E4(23)(C), E4(23)(D), E4(23)(E)	Art I: 1A, 1D, 2C, 2A, 4D; Art II: 1A, 2C, 4E
Quest 6 (Economics): “Tickets-->Turkey Legs-->Taxes: The Velocity of Money at the Fair”			118.3-4 (c) (2), (5-15), (17), (22-24)	E4(14)(A), E4(18), E4(19)	Art I: 1A, 1B, 1C, 2D, 4A; Art II: 1B, 1C, 2D
Quest 7 (World History): “Wheeeeeeeels!!! The History of the Wheel”			113.42 (c) (1-4), (7-9), (16) (A-C), (17), 25), (27-31)	E1(14)(B)	Art I: 1A, 1B, 1C, 2F, 3A; Art II: 1A, 2D, 2A, 3A
Quest 8 (Environmental Sci): “Going Green: Marketing Items to Sell at the Fair”		3D, 3F, 9A, 9J, 9K		E4(15)(D)	Art I: 1A, 1B, 1C, 2D, 4A; Art II: 1B, 1C, 2A
Quest 9 (Biology): “Tex’onomy: Classifying the Fair”		8A, 8B, 8C		E1(1)(C)	Art I: 1A, 2A, 3A
Quest 10 (Physics): “Premium Engine-eering: Navigating the Cars of the Fair”		2J, 2K, 2L, 3B, 3C, 3E, 4A, 6A		E3(15)(D), E3(23)(B), E3(26)	Art I: 1.2.B, 1.2.C; Art II: 2.2.A, 2.2.B, 2.2.C