

OUT OF THE VAULT



Andy Anderson, far right, talks about a class project to recreate the Great Wall of China in this May 24, 1995 East Oregonian photo.

Class project recreates Great Wall

Pilot Rock Elementary School teacher Glen Dyer didn't mess around when teaching his students about geography. In May 1995, Dyer's sixth grade class finished a recreation of one of the seven modern wonders of the world using a very tasty building material.

Amidst a papier-mâché landscape, students used more than 2,000 sugar cubes to recreate the Great Wall of China in their classroom, and topography challenges abounded. "You have a river right here and a valley right here and you have to build between them," said Andy Anderson, 11, while pointing out features of the class project, which took almost a year to build. The class was given little more than building materials and a map, and Dyer left the students to suss out dimensions, craft the landscape and glue together thousands of sugar cubes along the humps and bumps of their painted terrain.

Students worked in teams on the eight-foot-long project, assembling the wall in segments before linking them together. At times, they said, it seemed like their structure took as long to build as the Chinese counterpart, which spans 4,000 miles and took 1,200 years to build, beginning in the 5th Century B.C. "If you didn't get something glued in the right place, you

had to tear it all down," said Jennifer McLean, 12. "It was frustrating at times."

The project was not the first for students of Glen Dyer. Other classes built a replica of the Nile River, and created balloon rockets and water-powered bridges, among other things. "I like to see them discover it on their own," Dyer said. "I don't want to give them anything that says 'make it my way.' There are many ways to do it."

Along with creativity and construction skills, students used applied math and science to build the wall, and social studies and English while exploring the reasons why the Great Wall was built and writing formal reports on the project.

China's Great Wall was originally built as a tribute to the country's strength, but successive generations extended the wall to keep out invaders. The wall is as wide as 10 people standing shoulder to shoulder or six people on horseback.

"It's a pretty good idea because it paid off," Anderson said. "It kept everybody out and kept in their own religion and culture. It kept them from the outside world."

Renee Struthers is the Community Records Editor for the East Oregonian. See the complete collection of Out of the Vault columns at eovault.blogspot.com

DAYS GONE BY

100 Years Ago From the East Oregonian June 24-25, 1917

That the fearful Spectator mine disaster at Butte on June 8 was the work of alien fanatics is a generally accepted belief in Butte, according to Leslie M. Nelson, former Pendleton druggist who is visiting here after working for some time in Butte. He was in that city at the time 200 miners lost their lives in the big mine fire. He states that the story generally believed at Butte is that a German and an Austrian miner deliberately set fire to the mine. Both were roasted to death in one of the hosting cages as they were making their escape, he says. Two miners who were with them when the fire was set escaped through a stope into the Badger mine and told the story of the origin of the fire, he states. On account of the strong pro-German element there and the two gangs of Irish revolutionists who are as bad as the German and I.W.W. elements, the story was kept out of the papers to prevent riots.

50 Years Ago From the East Oregonian June 24-25, 1967

The Umatilla County CowBelles' Father's Day baby arrived on Father's Day this year. She is a girl, Vicki Lee, daughter of Mr. and

Mrs. Mark Waite of Athena. Last year the CowBelles had to wait several days to give their annual gift to the father of an infant born on or nearest to Father's Day in the county. Vicki Lee's father is a teacher at McEwen High School, who is attending Eastern Oregon College this summer to work on his master's degree. Mrs. Dutch Clarke of Pilot Rock, Father's Day beef certificate chairman, presented a \$10 beef certificate to Mr. and Mrs. Waite on behalf of the CowBelles.

25 Years Ago From the East Oregonian June 24-25, 1992

Hermiston, the largest oasis in northwest Umatilla County, earned the distinction of being the hottest spot in the nation Tuesday. The thermometer peaked at 113 degrees. The Hermiston community pool reported an unusually high number of swimmers Tuesday, about 450 people in all. However, no fires or ambulance runs for heat stroke were reported in Hermiston over the past 24 hours. Police activity in Hermiston has been quiet over the past few days as well. "Hot weather does make people very irritable," said police chief Grant Asher. "If the hot weather is keeping activity down, then let it be warm."

KENKEN
THE LOGIC PUZZLE THAT MAKES YOU SMARTER.

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6-24-17

RULES

- Each row and each column must contain the numbers 1 through 6 without repeating.
- The numbers within the heavily outlined boxes, called cages, must combine using the given operation (in any order) to produce the target numbers in the top-left corner.
- Freebies: Fill in single-box cages with the number in the top-left corner.

2	4-		32X	2÷	
2-	5-	3			
		4-		9+	
3+		1-		11+	3÷
14+			6		
2-		3÷		2	

7 LITTLE WORDS

Find the 7 words to match the 7 clues. The numbers in parentheses represent the number of letters in each solution. Each letter combination can be used only once, but all letter combinations will be necessary to complete the puzzle.

CLUES

- reaps (8)
- spare (9)
- parse (7)
- apers (8)
- pares (5)
- pears (6)
- spear (8)

SOLUTIONS

XILI CO ANA PUN STS
UI CTU HAR ATS PYC
ZE TS AU TR IMS
ARY VE RE FR LY

Today's Answers: 1. HARVESTS 2. AUXILIARY 3. ANALYZE 4. COPPCATS 5. TRIMMS 6. FRUITS 7. PUNCTURE

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Sunday Morning

STATION	6 AM	6:30	7 AM	7:30	8 AM	8:30	9 AM	9:30	10 AM	10:30	11 AM	11:30
FOX	11 KFFX	11 Fox News Sunday	Cup Pre-game (L)	FIFA Soccer Confederations Cup Ger./Cam. (L)	Post-game	Paid	Paid	Paid				
FOX	KPTV	3 Fox News Sunday	Cup Pre-game (L)	FIFA Soccer Confederations Cup Ger./Cam. (L)	Post-game	E. Stanton	Teen News	A.Athlete				
CBS	19 KEPR	2 Paid	Measure	CBS Sunday Morning (N)	Face the Nation	Paid	Paid	Off-Road Pro4 and Pro2				
CBS	KOIN	19 Paid	Paid	CBS Sunday Morning (N)	Face the Nation	Paid	Paid	Off-Road Pro4 and Pro2				
NBC	25 KNDU	6 Sunday Today (N)	Wake Up	Champion	Meet the Press (N)	Paid	Paid	Sailing America's Cup (L)				
NBC	KGW	8 KGW News at Sunrise			Meet the Press (N)			Sailing America's Cup (L)				
A&E	42 KVEW	4 GoodNews/Matter	GMA/Sunday	This Week	GoodNews/Measure	Homeown.	LatNation	Latino	Paid	Cycling		
A&E	KATU	5 GMA/Sunday	KATU News This Morning	Your Voice	Measure	This Week	Paid	Homeown.				
PBS	31 KTNW	Sid	Nature Cat	W.World	Thomas	Cyberch.	Antiques Roadshow	Inside Olympia	The Impact	ToCont (N)		
PBS	59 OPB	13 Peg + Cat	SuperWI	Mr. Rogers	Arthur	Thomas	Bob Build	Stevens'	Travels	Pacific "Mysterious"	Nova	

AFTERNOON

STATION	12 PM	12:30	1 PM	1:30	2 PM	2:30	3 PM	3:30	4 PM	4:30	5 PM	5:30
FOX	11 KFFX	11 Hatched	Ag PhD	Elementary	Elementary	Bones	Friends	Modern	LivDream	Modern		
FOX	KPTV	3 Missing	★ ★ ★ The Legend of Zorro ('05, Adv)	Antonio Bandaras.	★ ★ ★ ★ Margot at the Wedding							
CBS	19 KEPR	2 PGA Golf Travelers Championship Site: TPC River Highlands (L)	Paid	Paid	Inside Ed.	Paid	Judge Judy	Judge Judy				
CBS	KOIN	19 PGA Golf Travelers Championship Site: TPC River Highlands (L)	Paid	Money	Raw Travel	Tolerance	KOIN	News				
NBC	25 KNDU	6 Dew Tour	USATF Track & Field Outdoor Championship (L)	Voyager	Wilderness	Journey	Naturally	Give	NBC News			
NBC	KGW	8 Dew Tour	USATF Track & Field Outdoor Championship (L)	Paid	Naturally	Champion	Give	KGW News	KGW News			
A&E	42 KVEW	4 Paid	Northwest	Military M. Paid	Paid	World of X Games	The Chew	McCarver	Together	Middle	News (N)	
A&E	KATU	5 Paid	Measure	Paid	Paid	World of X Games	The Chew	Paid	Old House	News	News (N)	
PBS	31 KTNW	Columbia	Clos.Truth	Ancient Roads	Oceans of Pink	Call the Midwife	Pacific "Mysterious"	Wealth	News. (N)			
PBS	59 OPB	13 Great Performances at the Met	"Rusalka"			FocusEu.	W.Week	ToCont (N)	BBC News	CharlieR	News. (N)	

EVENING

STATION	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30
FOX	11 KFFX	11 Mike & Molly	Two and a Half Men "MMM, Fish, Yum"	Bob's Burgers	The Last Man on Earth	The Simpsons "Caper Chase"	Family Guy "Gronkowski's"	American Grit "Liar Liar" (N)	FOX News First at Ten	Person of Interest	Friends "The One With the Ring"	
FOX	KPTV	3 2 Broke Girls	2 Broke Girls	Bob's Burgers	Last Man on Earth	The Simpsons	Family Guy	American Grit "Liar Liar" (N)	10 O'Clock News (N)	Sports Final	In Depth	
CBS	19 KEPR	2 CBS Weekend News	Action News at 6:30 p.m. (N)	60 Minutes		NCIS: Los Angeles "Tidings We Bring"	Madam Secretary "The Dissent Memo"	Code Black "Ave Maria"	Action News at 11:00 p.m. (N)	Full Measure		
CBS	KOIN	19 KOIN Local 6 at 6	Weekend News	60 Minutes		NCIS: Los Angeles "Tidings We Bring"	Madam Secretary "The Dissent Memo"	Code Black "Ave Maria"	KOIN 6 News/11	:35 Game On		
NBC	25 KNDU	6 KNDU/KNDO Local News (N)	Jeopardy!	Sunday Night With Megyn Kelly (N)	★ ★ ★ Despicable Me (2010, Animated) Voices of Jason Segel, Russell Brand, Steve Carell. A criminal mastermind uses three orphans in his grand scheme to steal the moon.	Little Big Shots: Forever Young	KNDU/KNDO Local News (N)	Paid Program				
NBC	KGW	8 NBC News	Straight Talk	Sunday Night With Megyn Kelly (N)	★ ★ ★ Despicable Me (2010, Animated) Voices of Jason Segel, Russell Brand, Steve Carell.	Little Big Shots: Forever Young	KGW News at 11	:35 Sports Sunday				
A&E	42 KVEW	4 Excalibur Auto Group	The Insider Weekend	America's Funniest Home Videos	Celebrity Family Feud (N)	Steve Harvey's Funderdome (N)	The \$100,000 Pyramid: Aaron Rodgers vs. Erin Andrews and Italia Ricci vs. Robbie Amell" (N)	Castle "The Way of the Ninja"				
A&E	KATU	5 KATU News at 6	America's Funniest Home Videos	Celebrity Family Feud (N)	Steve Harvey's Funderdome (N)	The \$100,000 Pyramid (N)	KATU News	:35 Castle "Veritas"				
PBS	31 KTNW	Doc Martin "The Shock of the New"	Jam With Dan	Masterpiece Classic (N)	Masterpiece Mystery! "Grantchester" (N)	Masterpiece Theatre "Prime Suspect: Tension" (N)	Prime On Story					
PBS	59 OPB	13 Oregon Art Beat	Oregon Guide	American Masters	Masterpiece Classic (N)	Masterpiece Mystery! "Grantchester" (N)	Masterpiece Theatre "Prime Suspect: Tension" (N)	Hollywood Idols				

STATION	PEN	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30
A&E	52	American Pickers "Pandora's Box"	American Pickers "Sicilian Standoff"	American Pickers "The Million Dollar Mistake"	American Pickers "The Million Dollar Mistake"	American Pickers "Mama Knows Best"	:05 American Pickers "Pickers in the Attic"						
AMC	60	★ ★ ★ The Day After Tomorrow (2004, Action) Jake Gyllenhaal, Ian Holm, Dennis Quaid.	Fear the Walking Dead "100"	Fear the Walking Dead (N)	Preacher "On the Road" (SP) (N)	:05 Talking "Fear the Walking Dead 305" (N)							
ANPL	24	River Monsters	River Monsters	River Monsters: Loc.	River Monsters: Loc.	Expedition Mungo (N)	River Monsters						
CMT	43	★ ★ ★ Forrest Gump	Tom Hanks. ★ To Joey,	With Love (2016, Documentary)	CMT Crossroads	Broken Skull Challen							
CNBC	72	Shark Tank	A Billionaire's Bet (N)	Shark Tank	Shark Tank	A Billionaire's Bet	Paid	Paid					
CNN	68	A. Bourdain "Trinidad"	UnitedShadesAmerica	UnitedShadesAmerica	A. Bourdain "Trinidad"	UnitedShadesAmerica	CNN Newsrroom						
DISC	51	Naked "Frozen in Fear"	Naked and Afraid	Naked and Afraid "Deep in the Swamp"	Naked&Afraid XL (N)	Naked "Garden of Evil"							
DISN	26	:10 ★ ★ ★ Toy Story 3 ('10, Ani) Tom Hanks.	Transyl (N)	Tangled	StuckMid	Andi Mack	Underc.	Bunk'd	Transyl	Bizaard.			
ESPN	33	MLB Baseball Pittsburgh Pirates at St. Louis Cardinals Site: Busch Stadium -- St. Louis, Mo. (L)	SportsCenter	SportsCenter	SportsCenter								
ESPN2	34	30 for 30	SEC Storied "The Book of Manning"	30Shorts	ESPN FC (N)	E:60	MLB Baseball Pit./St.L.						
FNC	66	TuckerCarlsonTonight	Hannity	Watters World	TuckerCarlsonTonight	Hannity	News Sunday						
FOOD	61	Food "All-Terrain Eats"	Guy's Grocery Games	Guy's Game (N)	Food "Glamping" (N)	Beat Play	Beat Play	Beat Play	Beat Play				
FREE	32	★ ★ ★ ★ Harry Potter and the Deathly Hallows: Part 1	★ ★ ★ ★ Harry Potter and the Deathly Hallows: Part 2	Daniel Radcliffe.									
FX	65	★ ★ Transformers: Da...	★ ★ Transformers: Age of Extinction ('14, Act) Nicola Peltz, Mark Wahlberg.	★ ★ Transformers: Age of Extinction									
GOLF	68	PGA Golf Travelers Championship Site: TPC River Highlands -- Cromwell, Conn.	CHAMPS Golf	CHAMPS Golf									
GSN	76	Fam. Feud	Fam. Feud	Fam. Feud	Fam. Feud	Fam. Feud	Baggage	Baggage	Baggage	Baggage	Newlywed	Newlywed	
HALL	87	★ The Art of Us	★ My Favorite Wedding	Maggie Lawson.	Good Witch (N)	G. Girls	G. Girls	G. Girls	G. Girls				
HGTV	62	Bargain	Bargain	BeachRen0/Bargain	Bargain	Bargain	Hunters	Hunters	Mexico (N)	H.Hunt	House		
HIST	50	Forged in Fire "Spiked Shield"	Forged in Fire "The Cutlass"	★ ★ ★ Pirates of the Caribbean: On Stranger Tides	Jack Sparrow learns both he and Blackbeard are looking for the fountain of youth.	:05 Mountain Men "Breakage"							
LIFE	29	★ Cradle Swapping ('17, Dra) Amanda Clayton.	★ My Daughter Is Missing	Miranda Raison. (P)	★ Deadly Ex (Thrill) Natasha Henstridge.								
NICK	27	The Thundermans	The Thundermans	H.Danger	H.Danger	Full House	Full House	Full House	Full House	Friends	Friends		
ROOT	37	Ship Shape Destination Pol. (N)	Swing Clinic	Focused	MLB Baseball Houston Astros at Seattle Mariners Site: Safeco Field -- Seattle, Wash.	Mariners Post-game	All Access						
SPIKE	42	Bar Rescue "Spoiled Brat Party"	Bar Rescue "Drunk on Punk"	BET Awards	The star-studded 2017 BET Awards.	Bar Rescue							
SYFY	67	★ ★ ★ Armageddon ('98, Adv) Bruce Willis.	★ ★ ★ X-Men Origins: Wolverine ('09, Act) Hugh Jackman.	★ ★ ★ X-Men Origins: Wolverine									
TBS	59	★ Percy Jackson & the Olympians: The Light...	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Big Bang Theory	Wrecked "Ransom"	Wrecked "Poison"		
TCM	56	★ The Street With No Name	★ ★ ★ The Snake Pit	(1948, Suspense) Mark Stevens, Leo Genn, Olivia De Havilland.	★ ★ ★ Scaramouche ('24, Adv) Ramon Novarro. To avenge his friend's murder, a French rebel masquerades as a clown.	★ Yoyo Pierre Etaix.							
TLC	49	90 Day Fiancé: Coun. (N)	★ ★ ★ Get Hard ('15, Com) Will Ferrell.	Claws "Quicksand" (N)	★ ★ ★ Knight and Day								
TNT	57	★ ★ ★ Rush Hour	★ ★ ★ Get Hard ('15, Com) Will Ferrell.	Claws "Quicksand" (N)	:55 ★ ★ Knight and Day								
UNI	21	Durmiento/Noticiero	La rosa de Guadalupe	Los Milagros de Jesus	Los Milagros de Jesus	Aqui y ahora	Durmiento/Noticiero						
USA	58	Law & Order: S.V.U.	SVU "Institutional Fail"	Law & Order: S.V.U.	Law & Order: S.V.U.	Modern	Modern						
WE	118	CSI: Miami "Rampage"	CSI "One of Our Own"	CSI: Miami "Rio"	CSI: Miami "Rio"	CSI "Going Under"							
WGN		Blue Bloods	Blue Bloods	Bones	Bones	★ ★ ★ Legion ('10, Act) Paul Bettany.							
STZ ENC	644	★ Jaws: The Revenge	:15 ★ ★ ★ Bad Girls	Drew Barrymore.	★ ★ ★ Moulin Rouge!	Nicole Kidman.	:10 ★ ★ ★ Chicago						
HBO	518	:20 ★ Central Intelligence	Dwayne Johnson.	:10 ★ Harold & Kumar	Escape From Guanta...	Silicon (N)	Veep (N)	Last Week	:40 Silicon				
HBO2	520	Bill Maher	Last Week	Silicon	Silicon	★ ★ ★ 10,000 B.C. ('08, Epic) Steven Strait.	:25 ★ ★ ★ Scream 2						
HBO3	521	Movie	:50 ★ ★ Miss Peregrine's Home for Peculiar Children	★ ★ ★ Shakespeare in Love	Joseph Fiennes.	:05 ★ ★ The Witches o...							
MAX	549	:10 ★ ★ ★ The Fast and the Furious	Vin Diesel.	★ Black Mass ('15, Cri) Johnny Depp.	:55 ★ ★ Mr. Right	Columbus Short.	Movie						
SHOW	578	★ ★ ★ A Bronx Tale	I'm Dying Up Here	Twin Peaks	Twin Peaks (N)	I'm Dying Up Here	I'm Dying Up Here						
STARZ	621	:55 Power "Trust Me"	:55 Power	Power	Power (N)	Power	Power						

NIGHT OWL

STATION	12 AM	12:30	1 AM	1:30	2 AM	2:30	3 AM	3:30	4 AM	4:30	5 AM	5:30
FOX	11 KFFX	11 2 Broke G.	2½Men	CR TV								
FOX	KPTV	3 McCarver	Queens	Raising	Paid	Dog Challenge	Dog Challenge	Minute	News	Good Day Oregon at 5		
CBS	19 KEPR											