



# DARE TO REUSE

## 2012 CALENDAR

The **"Dare to Reuse"** art contest started out as an annual art exhibition for local found-object artists in the San Diego area. Past pieces have been some of the most creative and thought-provoking artwork in recent years. The exhibition eventually spread as an art contest to school aged children in 2011, with this calendar being the first of its kind for the City of San Diego's Environmental Services Department.

***Art can help promote reduce, reuse, recycling for life.***

Considering the number of items that go into an average landfill, one can see we are vastly overusing our resources and filling up our landfills much too quickly. The philosophy of "reduce, reuse, recycle" is more important than ever and by practicing these three rules of thumb through any art medium, we can show others how easy and fun it really is!

A special thanks to Janice Duvall of the San Diego County Office of Education for doing a fabulous job organizing the contest and being the constant reminder to all schools and classes involved. Thank you all for helping to make this contest a fun one and the calendar a pleasure to put together!

We would also like to extend our thanks to teacher Judy Walker of Doyle Elementary and parent-volunteer Catherine Eng who were both instrumental in urging students to create a group piece for their classroom.





### Dancing in The Moonlight

Jessica Hernandez  
Kearny High School  
Grade 10

#### FACTS:

- ♻️ *If all our newspaper was recycled, we could save about 250,000,000 trees each year!*
- ♻️ *If every American recycled just one-tenth of their newspapers, we would save about 25,000,000 trees a year.*
- ♻️ *Approximately 1 billion trees worth of paper are thrown away every year in the U.S.*

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

#### DECEMBER 2011

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# JANUARY 2012

#### FEBRUARY 2012

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 <i>New Year's Day</i>	2 <i>New Year's Day Holiday</i>	3	4	5	6	7
8	9	10	11	12	13	14
15	16 <i>Martin Luther King, Jr. Birthday</i>	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	Notes:			



**Queen**

Jocelyn  
Preuss School  
Grade 12

**FACTS:**

- ♻️ *The average American uses seven trees a year in paper, wood, and other products made from trees. This amounts to about 2,000,000,000 trees per year!*
- ♻️ *The amount of wood and paper we throw away each year is enough to heat 50,000,000 homes for 20 years.*
- ♻️ *The average household throws away 13,000 separate pieces of paper each year. Most is packaging and junk mail.*
- ♻️ *In 1993, U.S. paper recovery saved more than 90,000,000 cubic yards of landfill space.*

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

**JANUARY 2012**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# FEBRUARY 2012

**MARCH 2012**

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
		Valentine's Day				
19	20	21	22	23	24	25
	Presidents' Day					
26	27	28	29	Notes:		



### Prattling On

Emma and Sam Kahn  
Kumeyaay Elementary  
Grade 4 & 6

#### FACTS:

- ♻️ *On average, each one of us produces 4.4 pounds of solid waste each day. This adds up to almost a ton of trash per person, per year.*
- ♻️ *The highest point in Hamilton County, Ohio (near Cincinnati) is "Mount Rumpke." It is actually a mountain of trash at the Rumpke sanitary landfill towering 1045 ft. above sea level.*
- ♻️ *Mining and transporting raw materials for glass produces about 385 pounds of waste for every ton of glass that is made. If recycled glass is substituted for half of the raw materials, the waste is cut by more than 80%.*

Source:  
[www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

#### FEBRUARY 2012

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

# MARCH 2012

#### APRIL 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
Daylight Saving Time Begins - 2:00 AM						
18	19	20	21	22	23	24
25	26	27	28	29	30	31
						Cesar Chavez Day



**Eco Soccer**

Jessica Lopez  
Roosevelt Middle School  
Grade 6

**FACTS:**

- ♻️ *There is no limit to the amount of times an aluminum can may be recycled.*
- ♻️ *We use over 80,000,000,000 aluminum cans every year.*
- ♻️ *At one time, aluminum was more valuable than gold!*
- ♻️ *Because so many of them are recycled, aluminum cans account for less than 1% of the total U.S. waste stream, according to EPA estimates.*

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

MARCH 2012

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# APRIL 2012

MAY 2012

S	M	T	W	T	F	S	
			1	2	3	4	5
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30	31			

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
Easter Sunday						
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	Notes:				



### Candy Wrappers

Angelica  
Preuss School  
Grade 12

#### FACTS:

- 🗑️ An estimated 80,000,000 Hershey's Kisses are wrapped each day, using enough aluminum foil to cover over 50 acres of space -- that's almost 40 football fields. All that foil is recyclable, but not many people realize it.
- 🗑️ A 15-year old tree can produce about 700 paper grocery bags. A busy supermarket could use all of them in under an hour! This means in one year, one supermarket can go through over 6 million paper bags! Imagine how many supermarkets there are just in the United States!!!
- 🗑️ On average, it costs \$30 per ton to recycle trash, \$50 to send it to the landfill, and \$65 to \$75 to incinerate it.

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

APRIL 2012

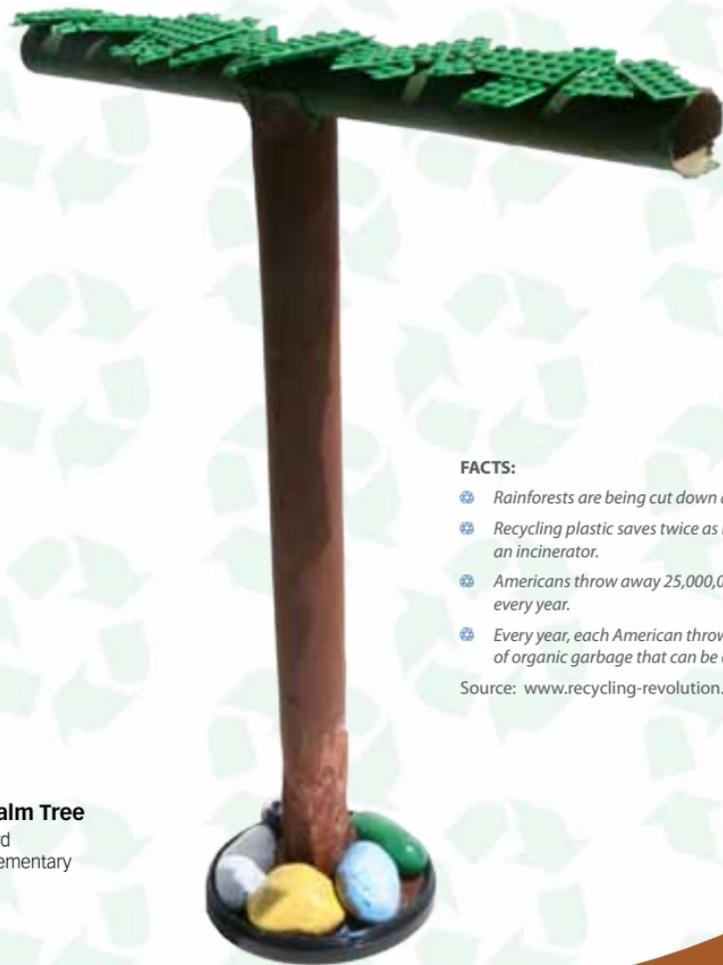
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY  
2012

JUNE 2012

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
Mother's Day						
20	21	22	23	24	25	26
27	28	29	30	31	Notes:	
	Memorial Day					



**Tropical Palm Tree**

Lucas Shepard  
Kumeyaay Elementary  
Grade 5

**FACTS:**

- ☿ Rainforests are being cut down at the rate of 100 acres per minute!
- ☿ Recycling plastic saves twice as much energy as burning it in an incinerator.
- ☿ Americans throw away 25,000,000,000 Styrofoam coffee cups every year.
- ☿ Every year, each American throws out about 1,200 pounds of organic garbage that can be composted.

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

MAY 2012

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

# JUNE 2012

JULY 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
Father's Day						
24	25	26	27	28	29	30



**FACTS:**

- 🗑️ Every year the U.S. discards 16,000,000,000 diapers, 1,600,000,000 pens, 2,000,000,000 razor blades, 220,000,000 car tires, and enough aluminum to rebuild the US commercial air fleet four times over.
- 🗑️ Americans use 2,500,000 plastic bottles every hour, most of which are thrown away!
- 🗑️ A typical family consumes 182 gallons of soda, 29 gallons of juice, 104 gallons of milk, and 26 gallons of bottled water a year. That's a lot of containers -- make sure they're recycled!

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

**Peach Beach**

Sierra Williamson  
Kumeyaay Elementary  
Grade 5

JUNE 2012						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

# JULY 2012

AUGUST 2012						
S	M	T	W	T	F	S
					1	2
					3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 <small>Independence Day (Holiday)</small>	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	Notes:			



### 9 Creature

Victoria Cuthbertson  
 Kearny School of International Business  
 Grade 11

#### FACTS:

- 🌐 *The U.S. is the #1 trash-producing country in the world at 1,609 pounds per person per year. This means that 5% of the world's people generate 40% of the world's waste.*
- 🌐 *An aluminum can that is thrown away will still be a can 500 years from now!*
- 🌐 *A single quart of motor oil, if disposed of improperly, can contaminate up to 2,000,000 gallons of fresh water.*

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

JULY 2012

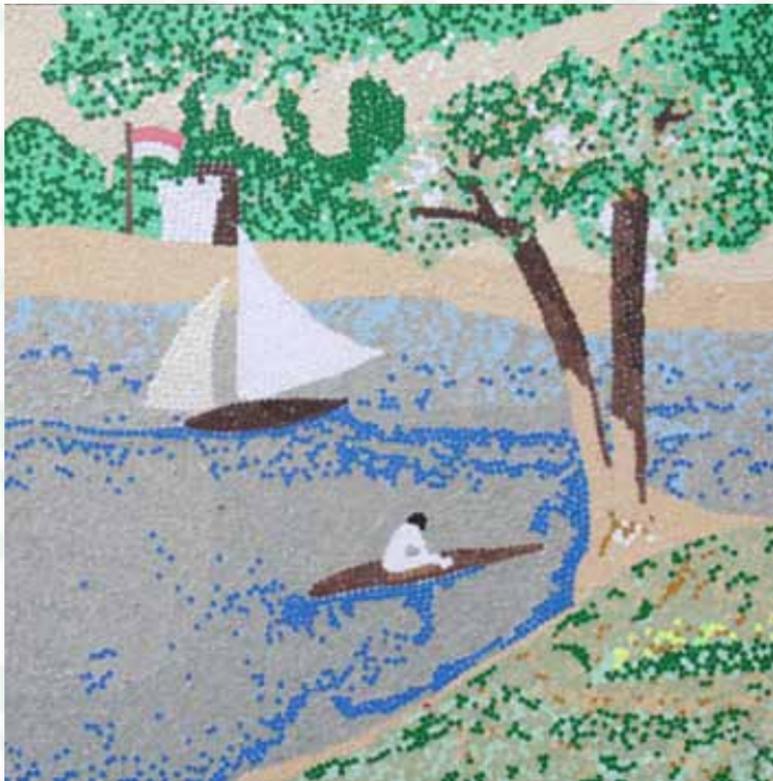
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# AUGUST 2012

SEPTEMBER 2012

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



### Hole Punch River

Angela  
Preuss School  
Grade 12

#### FACTS:

- Each ton (2000 pounds) of recycled paper can save 17 trees, 380 gallons of oil, three cubic yards of landfill space, 4000 kilowatts of energy, and 7000 gallons of water. This represents a 64% energy savings, a 58% water savings, and 60 pounds less of air pollution!
- The 17 trees saved (above) can absorb a total of 250 pounds of carbon dioxide from the air each year. Burning that same ton of paper would create 1500 pounds of carbon dioxide.
- The construction costs of a paper mill designed to use waste paper is 50 to 80% less than the cost of a mill using new pulp.

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

AUGUST 2012						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

# SEPTEMBER 2012

OCTOBER 2012						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:						1
2	3 Labor Day	4	5	6	7	8
9	10	11 	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						



**Totem Pole**

Group project by Judy Walker's class  
Doyle Elementary  
Grade 5

**FACTS:**

- ♻️ Recycling one aluminum can saves enough energy to run a TV for three hours -- or the equivalent of a half a gallon of gasoline.
- ♻️ A 60-watt light bulb can be run for over a day on the amount of energy saved by recycling 1 pound of steel. In one year in the United States, the recycling of steel saves enough energy to heat and light 18,000,000 homes!
- ♻️ The energy saved from recycling one glass bottle can run a 100-watt light bulb for four hours or a compact fluorescent bulb for 20 hours. It also causes 20% less air pollution and 50% less water pollution than when a new bottle is made from raw materials.

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

**SEPTEMBER 2012**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

**OCTOBER 2012**

**NOVEMBER 2012**

S	M	T	W	T	F	S
						1
						2
						3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes: 1	2	3	4	5	6	
7	8 Columbus Day	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31 Halloween	Notes:		



**FACTS:**

- ♻️ A used aluminum can is recycled and back on the grocery shelf as a new can, in as little as 60 days. That's closed loop recycling at its finest!
- ♻️ Used aluminum beverage cans are the most recycled item in the U.S., but other types of aluminum, such as siding, gutters, car components, storm window frames, and lawn furniture can also be recycled.
- ♻️ More aluminum goes into beverage cans than any other product.

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

**Shark**

Alexa Maduera  
Roosevelt Middle School  
Grade 6

**OCTOBER 2012**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

# NOVEMBER 2012

**DECEMBER 2012**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:					1	2
						3
4	5	6	7	8	9	10
Daylight Saving Time Ends - 2:00 AM						
11	12	13	14	15	16	17
Veterans' Day	Veterans' Day (Observed)					
18	19	20	21	22	23	24
				Thanksgiving		
25	26	27	28	29	30	



**Winter Wonderland**  
 Drake Little  
 Kearny High School  
 Grade 9

**FACTS:**

- ⊗ About one-third of an average landfill is made up of packaging material!
- ⊗ Out of every \$10 spent buying things, \$1 (10%) goes for packaging that is thrown away. Packaging represents about 65% of household trash.
- ⊗ Plastic bags and other plastic garbage thrown into the ocean kill as many as 1,000,000 sea creatures every year!

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

NOVEMBER 2012						
S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

# DECEMBER 2012

JANUARY 2013						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	Christmas (Holiday)				