





















© Al-Anwar Designs • 601 Pheasant Run Dr, Murphy, TX 75094

Tel (469) 228-5244 • Fax (214) 594-2290 • www.Alanwar-Designs.com • www.MuslimGuide.com

Al-Anwar Calendar





January 2012

ufacturing paper in Baghdad after the capture of Chinese prisoners in the battle of Tallas in 751 CE. It spread quickly west of Damascus, Tiberias, and Syrian Tripoli. The mills of Damascus were

less than 1/2 as much to process woodbased paper, and is considered renew-

lims introduced hemp (a raw material the mulberry, and experimented with and replaced the higher-costing use of that produced high quality paper, cost making cotton paper. The earliest copy of the Quran on paper was recorded in

papyrus and parchment. It also kickstarted other professions, like those of the 10th century in Egypt. Producing dyers, ink makers, manuscript crafts-

كانونالثاني-يناير		. Muslim Heritage in Our World, Founda			japnists.	صفر-ربيعالاول
Sunday וلأحد	الإِثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
1	2	3	4	5	6	7
New Year's Day (U.S.A. & Canada)						
<b>7</b> Safar	8	9	10	11	12	13
8	9	10	11	12	13	14
14	15	16	17	18	19	20
15	16	17	18	19	20	21
	Birthday of Martin Luther King, Jr. (U.S.A.)					
21	22	23	24	25	26	27
22	23	24	25	26	27	28
28	29	1 Rabi' I	2	3	4	5
29	30	31	1	2	Dec 2011	Feb 2012
					1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
					18 19 20 21 22 23 24	19 20 21 22 23 24 25



**February** 

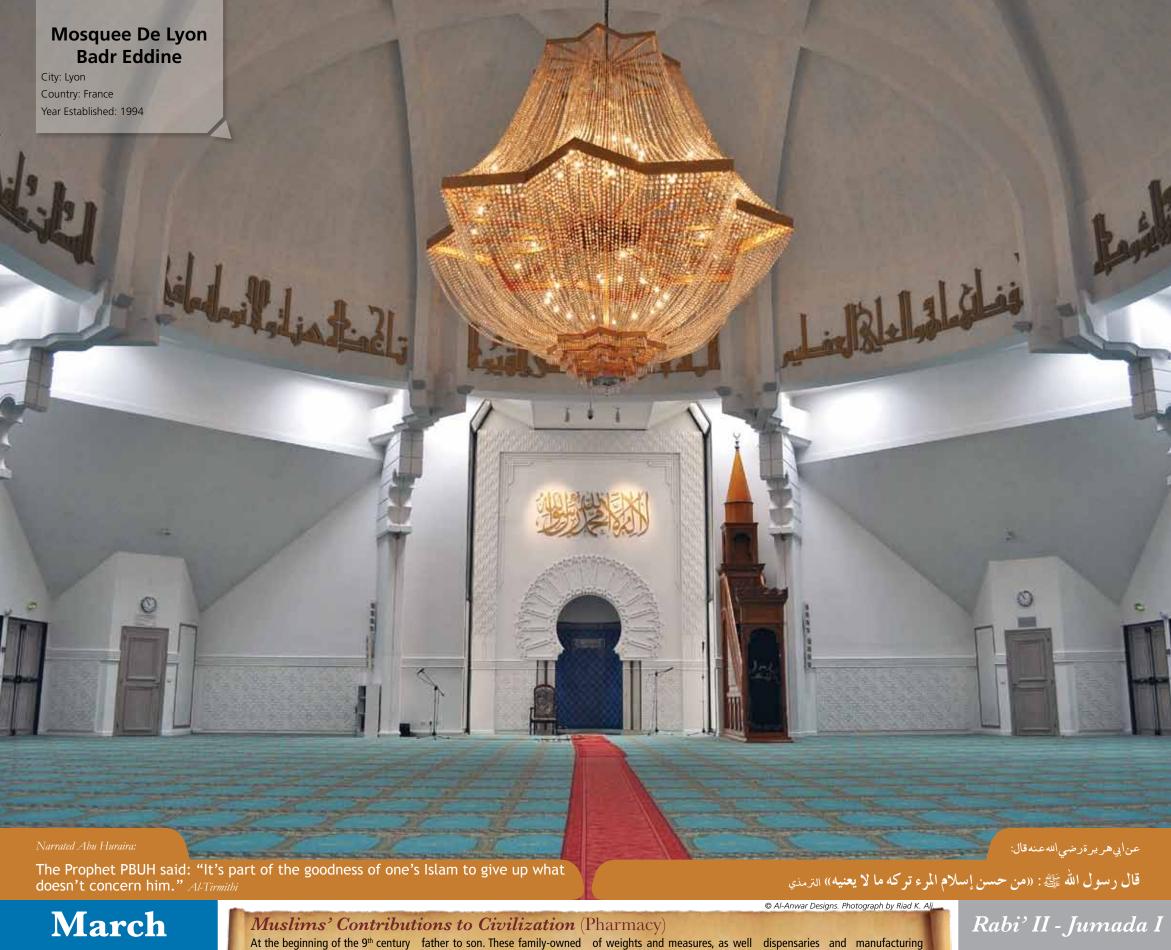
also looked after lepers, the invalid 'proper' hospital was built in Cairo library, and a section for the insane. weak, the poor and the rich, of the Mansuri Hospital in Cairo.

**Muslims' Contributions to Civilization** (Hospital Development) Islamic hospitals began in 8th Centubetween 872 and 874 CE. The Ah- It was an incredibly advanced instisubject and the prince, of the citizen ry Baghdad and in some ways they mad ibn Tulun Hospital treated and tution. "It's [the hospital's] duty to and the brigand, without demand resembled xenodocheions as they gave medicine to all patients free of give care to the ill, poor, menand for any form of payment, but only charge. It had two bath houses (one women until they recover. It is at for the sake of God, the provider." and the destitute. The first organized for men and one for women), a rich the service of the powerful and the The constitution establishing the al-

Rabi' I - Rabi' II

ربيعالأول-ربيعالثاني

د-فبراير	سب	Source:	001 Inventions,	Muslim Heritage in Our World, Found	dation for Science Technology and Civilisa	tion		ربياد رن ربياندي
Sunday	الأحد	Monday	الإثنين	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت
					1	2	3	4
					9 Rabi' I	10	11	12
5		6		7	8	9	10	11
13		14		15	16	17	18	19
12		13		14	15	16	17	18
20		21		22	23	24	25	26
19		20 President's Day (U.S.A.)		21	22	23	24	25
27		28		29	30	1 Rabi' II	2	3
26		27		28	29	1	Jan         2012           s M T W T F S           1 2 3 4 5 6 7           8 9 10 11 12 13 14	Mar 2012  S M T W T F S 1 2 3 4 5 6 7 8 9 10
4		5		6	7	8	15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



2012

pharmacists were independent businesses were periodically in- as the purity of the drugs used, units like primitive laboratories, professionals running their own spected by a government appoint- and stopping the use of any bad producing various drugs and pharpharmacies, with the skills of com- ed official, al-Muhtasib (acting as and deteriorating drug as well as maceutical preparations. pounding, storing and preserving a health and safety executive), and getting rid of impostors and char-

drugs being handed down from his aides, checking the accuracy latans. Pharmacies had their own

ربيعالثاني-جماديالأول

ا <b>د</b> ار -مارس	Source: 1001 Inventions	ربيعانىي- بهادىاد وى				
الأحد Sunday	الإِثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
Feb 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	Apr 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			1	2	3
				8 Rabi' II	9	10
4	5	6	7	8	9	10
11	12	13	14	15	16	17
11	12	13	14	15	16	17
18	19	20	21	22	23	24
18	19	20	21	22	23	24
25	26	27	28	29	30	1 Jumada I
25	26	27	28	29	30	31
2	3	4	5	6	7	8



April 2012 نیسان-إبریل

surroundings near and far. They were great travellers, explorers and merchants, and this practical awareness of mouth accounts of new and found of the world inspired scholars to make routes to Mecca and Medina, which great studies of places and people. They were later put in written form. Another

and administrative requirements of the expanding the Muslim world created another dimension in the search for a 9th century Persian scholar, was one

ographers, and a highly talented mathematician. His famous book, **The Form** of the Earth, inspired a generation of writers in Baghdad and Muslim Spain, geographical knowledge. Al-Khwarizmi, to unearth, analyse and record geographical data.

جمادي الأولى-جمادي الآخرة

	Source: 1001 Inventions	, Muslim Heritage in Our World, Founda	ation for Science Technology and Civilisa	tion		
الأحد Sunday	الإثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
1	2	3	4	5	Good Friday (Canada)	7
<b>9</b> Jumada I	10	11	12	13	14	15
8	9	10	11	12	13	14
16	17	18	19	20	21	22
15	16	17	18	19	20	21
23	24	25	26	27	28	29
22	23	24	25	26	27	28
I Jumada II	2	3	4	5	6	7
29	30	1	2	3	Mar 2012  S M T W T F S	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
8	9	10	11	12	25 26 27 28 29 30 31	27 28 29 30 31

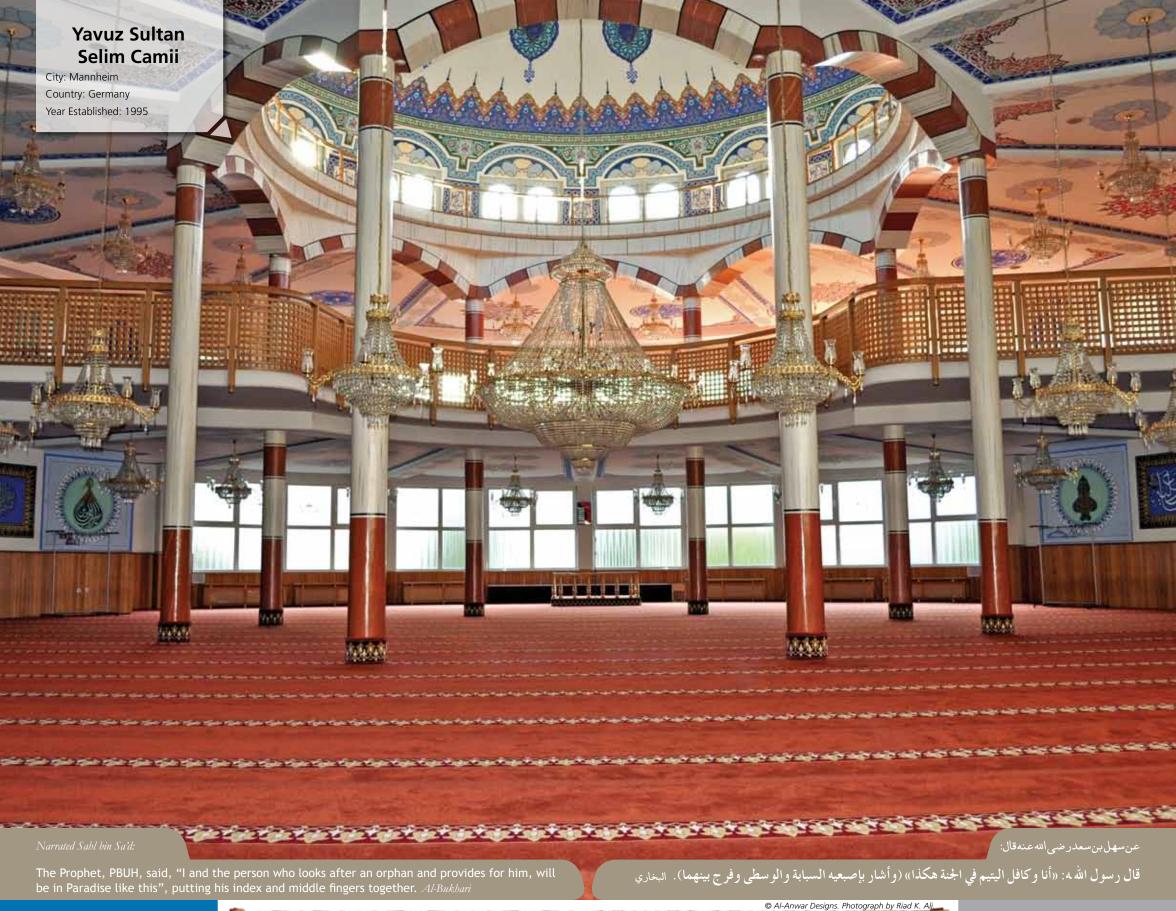


آيار-مايو

The year was 1233, and the voy- with water; it rotates until it stops, sure for Merchants who Seek age was over the Red Sea or the pointing to the south'. The first full Knowledge of Stones", written

24 25 26 27 28

**Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation الأربعاء Wednesday الثلاثاء Saturday **Sunday Thursday Friday Monday Tuesday** 10 Jumada II Victoria Day (Canada) 1 Rajab Memorial Day (U.S.A.) 8 9 10 11 12 13 14 15 16 17 18 19 20 21



June 

حزيران-يونيو

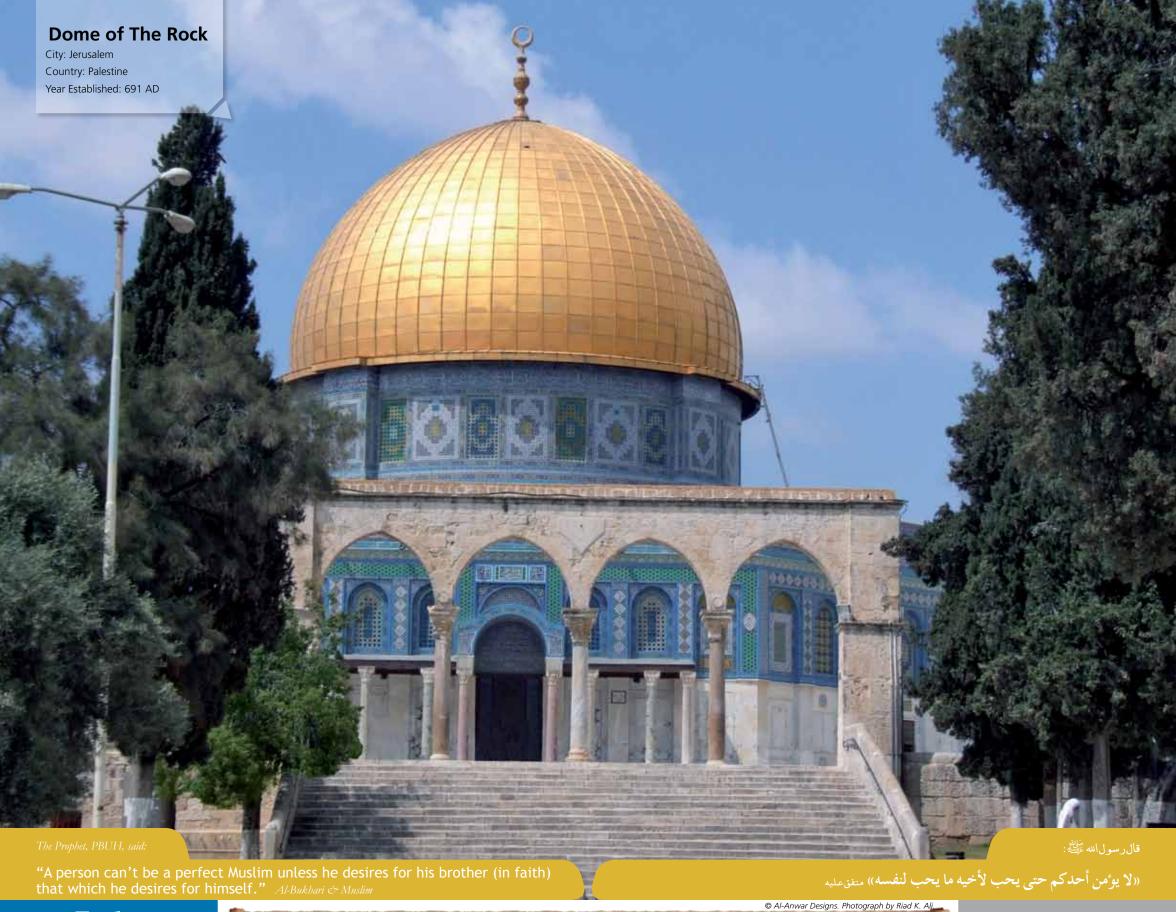
*Muslims' Contributions to Civilization* (Astrolabe)

The astrolabe was developed by before the invention of digital Astrolabes were the astronomical it into Europe where modern as-Muslims mainly to determine the computers and the most impor- and analogue computers of their tronomy was born. accurate timings for the 5 daily tant astronomical observational time, solving problems relating to prayers and the direction of Mecca. device before the invention of the the position of celestial bodies. It This device is "the most important telescope", as described by Dr. Wil- was through Muslim hard-working

astronomical calculating device liams, an American astrophysicist. scholars that the astrolabe made **Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation

Rajab - Sha'ban

الأربعاء Wednesday **Sunday Saturday Thursday Friday Monday Tuesday** 9 10 11 12 8 9 10 11 12 13 14 13 14 15 16 17 18 19 22 23 24 25 26 27 28 20 21 22 23 24 25 26 11 Rajab الإسراء والمعراج Al-Israa' wa Al-Mi'raj 26 1 Sha'ban 



July 2012

*Muslims' Contributions to Civilization* (Windmills)

Muslims used water to produce wheat, but in drier parts of the the idea of windmills, a 7th cen-widely used to run millstones for energy harnessed in machines like Islamic world alternate power sup- tury discovery in Persia. A Persian grinding corn and to draw up wathe crank rod system, which took plies were sought. Desert winds had come to the 2<sup>nd</sup> Caliph Umar, ter for irrigation. water to higher levels and into that blew regularly from the same who reigned for 10 years, and aqueducts to quench the thirst of place for about 120 days and had convinced him to build a mill opertowns. Water drove mills to grind constant direction brought about ated by wind. Wind power became

**Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation

Sha'ban - Ramadan

1433 شعبان-رمضان

1 Grands Day (Cernsch)     2     3     4 Independence Day (USA)     5     6     7       11 Sharbar     12     13     14     15     16     17       8     9     10     11     12     13     14       18     19     20     21     22     23     24       15     16     17     18     19     20     21       25     26     27     28     29     7 Ramadan     2       22     23     24     25     26     27     28       3     4     5     6     7     8     9       29     30     31     1     2     Jun 2012 	الأحد Sunday	الإثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
8       9       10       11       12       13       14         18       19       20       21       22       23       24         15       16       17       18       19       20       21         25       26       27       28       29       1 Ramadan       2         22       23       24       25       26       27       28         3       4       5       6       7       8       9         29       30       31       1       2       Jun 2012 s m 1 w 1 r r s s s s m 1 w 1       2 s m 1 w 1 r r s s s s m 1 w 1	Canada Day (Canada)	2	3	Independence Day	5	6	7
18     19     20     21     22     23     24       15     16     17     18     19     20     21       25     26     27     28     29     1 Ramadan     2       22     23     24     25     26     27     28       3     4     5     6     7     8     9       29     30     31     1     2     Jun 2012 S M T W T F F S S M T W T F F S S M T W T F F S S M T W W T W T F F S S M T W W T W T F F S S M T W W T W T F F S S M T W W T W T F F S S M T W W T W T W T F F S S M T W W T W T F F S S M T W W T W T W T W T F F S S M T W W T W T W T W T W T F F S S M T W W T W T W T W T W T W T W T W T W	11 Sha'ban	12	13	14	15	16	17
15     16     17     18     19     20     21       25     26     27     28     29     1 Ramadan     2       22     23     24     25     26     27     28       3     4     5     6     7     8     9       29     30     31     1     2     Jun 2012 s M T W T F S     Aug S M T W T F S	8	9	10	11	12	13	14
25     26     27     28     29     1 Ramadan     2       22     23     24     25     26     27     28       3     4     5     6     7     8     9       29     30     31     1     2     Jun 2012 S M T W T F S M T W T T F S M T W T T F S M T W T T T T T T T T T T T T T T T T T	18	19	20	21	22	23	24
22     23     24     25     26     27     28       3     4     5     6     7     8     9       29     30     31     1     2     Jun 2012 Aug S M T W T F S S M T W T	15	16	17	18	19	20	21
3     4     5     6     7     8     9       29     30     31     1     2     Jun 2012 S M T W T F S S M T W T     Aug S M T W T	25	26	27	28	29	1 Ramadan	2
29 30 31 1 2 Jun 2012 Aug s M T W T F S S M T W T	22	23	24	25	26	27	28
S M T W T F S S M T W T	3	4	5	6	7	8	9
10 11 12 13 14 15 16 12 13 14 15 16 17 18 19 20 21 22 23 19 20 21 22 23				1		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	S M T W T F S



August **2012** آب-أغسطس

*Muslims' Contributions to Civilization* (Dams)

most impressive dams were pro- used for decantation, the separat- est arched dam known (about 700 immense, and the masonry they duced by the Aghlabid¬ of Tunisia ing the sediment from the water, years old). In today's Afghanistan, used was a type of cement that near their capital, al Qayrawan, in and the other was a reserve. Some- 3 dams were completed by King was harder than stone itself, so the 9th century. In the region of times, on the larger schemes, there Mahmoud of Ghaznah in the 11th they hardly needed any repairs in

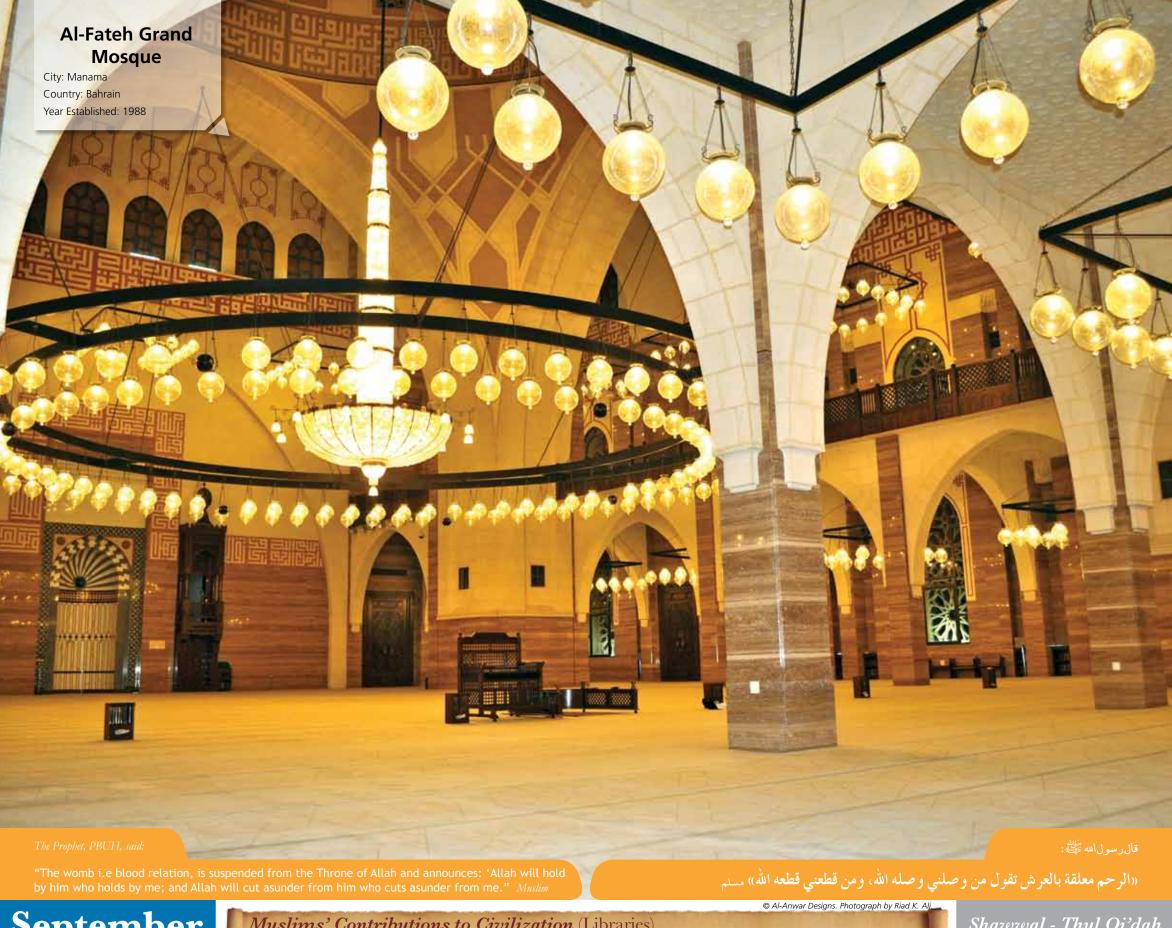
Tunisia, there were over 250 reser- was a third one for drawing water. century near his capital city. Dam a thousand years. **Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation

The design and aesthetics of the voirs, with 2 basins each. One was In Iran is the Kebar dam, the old-construction in Muslim Spain was

Ramadan - Shawwal

رمضان-شوال

الأحد Sunday	الإثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday		الجمعة Friday	Saturday
Jul 2012	Sep 2012		1	2	3	4
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	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22					
29 30 31	23 24 25 26 27 28 29		13 Ramadan	14	15	16
5	6	7	8	9	10	11
معر كة بدر The Battle of Badr (2 A.H.)			فتح مكة The Conquest of Makkah (8 A.H.)			
	18	19	20	21	22	23
12	13	14	15	16	17	18
24	25	26	27	28	29	30
19	20	21	22	23	24	25
عيد الفطر Eid Al-Fitr						
1 Shawwal	2	3	4	5	6	7
26	27	28	29	30	31	1
8	9	10	11	12	13	14



September

Muslims' Contributions to Civilization (Libraries)

ing the Abbasid rules dictated that in their huge Cordoba library. There from all parts of the Muslim world. po (that had the largest and oldest these books are collected and pre- were huge network of public librar- Before the Mongols decimated mosque library called 'the Sayfiya' served, thus establishing hundreds ies in mosques (called dar al-kutub Baghdad in 1258, it had 36 libraries with a collection of 10,000 volof public and private owned librar- or 'The House of Books') in most big and over 100 book dealers, some of umes) and the major cities of Iran,

The vast production of books dur- had a library of 600,000 volumes lections, which attracted scholars were similar libraries in Cairo, Alep-

Shawwal - Thul Qi'dah

شوال-ذو القعدة

ies. The Umayyad rulers of Spain cities plus prestigious private col- whom were also publishers. There Central Asia and Mesopotamia. **Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation

الأحد Sunday		الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
Aug 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	Oct 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					1
26 27 28 29 30 31	28 29 30 31					14 Shawwal
2	3 Labor Day (U.S.A. & Canada)	4	5	6	7	8
15	16	17	18	19	20	21
9	10	11	12	13	14	15
22	23	24	25	26	27	28
16	17	18	19	20	21	22
29	1 Thul Qi'dah	2	3	4	5	6
23 30	24	25	26	27	28	29
7	8	9	10	11	12	13



October 2012 cm in the contract of the contrac

they noted the tendency of certain

homing pigeon developed, and Bay- took messages to the Muslim sultan wherever they may be. A fast one- later made this a very effective form with copper bells on the top would ern edge of India to the capital.

the mail. In all, it only took five days pigeons to fly straight home from bars (a Mamluk caliph), 500 years sitting in Delhi. A man carrying a rod for a message to get from the east-

ذو القعدة-ذو الحجة

Source: 1001 Inventi	ions, Muslim Heritage in Our World, Founda	ation for Science Technology and Civilisa	tion		
لإثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
1	2	3	4	5	6
1.5	10	177	10	10	0.0
15 Thul Qi'dah	10	1/	18	19	20
8	9	10	11	12	13
Columbus Day (U.S.A.)					
Thanksgiving Day (Canada)					
22	23	24	25	26	27
15	16	17	18	19	20
29	30	1 Thul Hijjah	2	3	4
22	23	24	25	26	27
			يوم عرفة	عيد الأضحى	أيام التشريق
6	7	8	Arafat Day	Eld Al-Adna	Tashreeq Days  11
29	30	31	1	Sep 2012	Nov 2012
أيام التشريق				S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
	14	15	16	16 17 18 19 20 21 22 23 24 25 26 27 28 29	18 19 20 21 22 23 24 25 26 27 28 29 30
	الم	اللاثاء Tuesday  1 2  15 Thul Qi'dah 16  8 9 Columbus Day (U.S.A.) Thanksgiving Day (Canada) 22 23  15 16  29 30  22 23  15 16	Monday         Tuesday         Wednesday           1         2         3           15 Thal Qidah         16         17           8         9         10           Columbus Day (U.S.A.) Thanksgiving Day (Canada) 22         23         24           15         16         17           29         30         1 Thal Hijjah           22         23         24           6         7         8           29         30         31           ida Hijjah (Lichus) Instruction Tashreeq Days         30         31	الله التحريق المعاللة المعالل	الحيث العامل ال



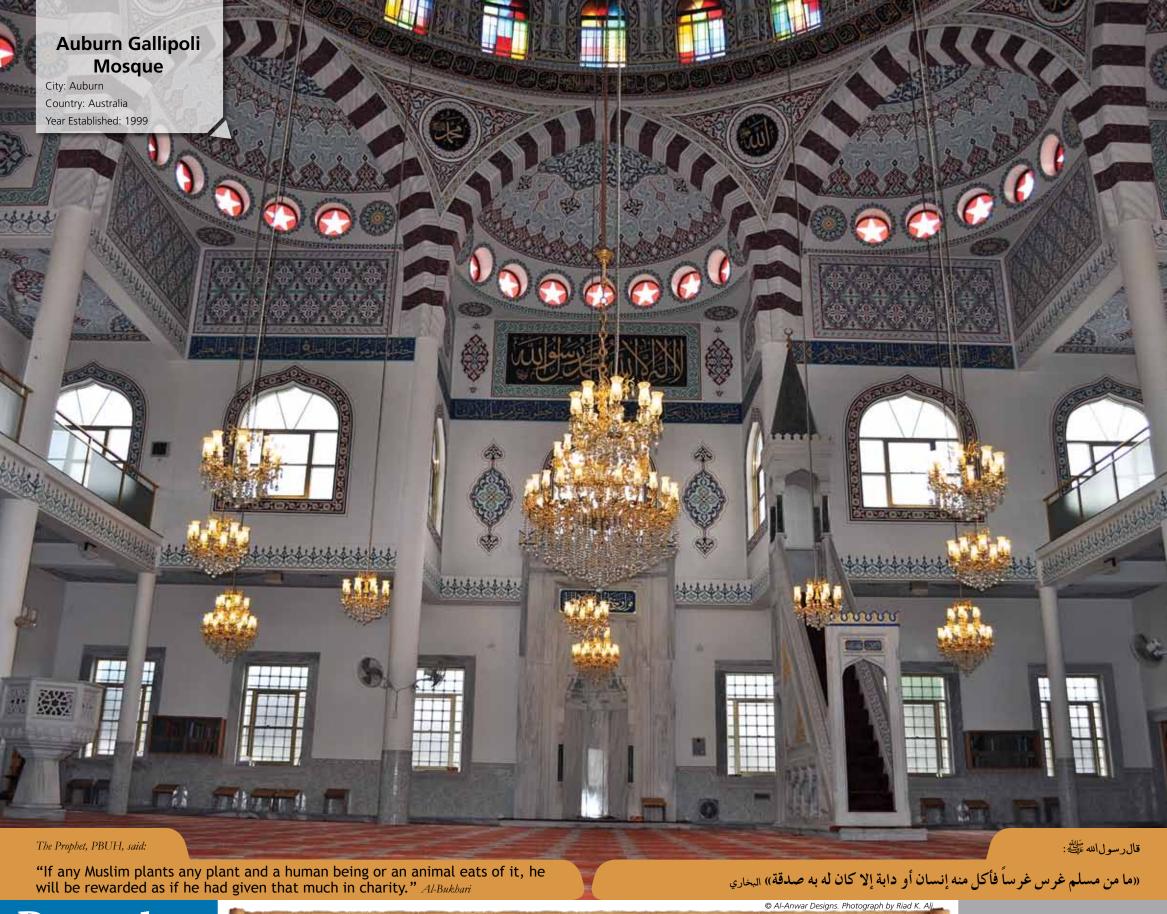
storms; floor coverings providing ing technique, and so their carpets rich geometric patterns of stars, with a sense of unity.

great comfort for the household; came in wonderful colors. This was octagons, triangles and rosettes,

1433/1434

ذو الحجة-محرم

	Source: 1001 Inventions	, Muslim Heritage in Our World, Founda	ation for Science Technology and Civilisa	tion		
الأحد Sunday	الإِثنين Monday	الثلاثاء Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	لسبت Saturday
S M T W T F S 1 2 3 4 5 6 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	Dec     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			1	2	3
	30 31			16 Thul Hijjah	17	18
4	5	6	7	8	9	10
19	20	21	22	23	24	25
Veterans Day (U.S.A.) Remembrance Day (Canada)	12	13	14	15	16	17
26	27	28	29	1 Muharran 1434	2	3
18	19	20	21	Thanksgiving Day (U.S.A.)	23	24
					تاسوعاء Taso'a	عاشوراء A'shora
4	5	6	7	8	9	10
25	26	27	28	29	30	1
11	12	13	14	15	16	17



December كانونالأول-ديسمبر

**Muslims' Contributions to Civilization** (The Camera Obscura) small hole made in the window shut-

day, noticed light coming through a elled in a straight line and when the He then established that the smaller it was the half-moon shape of the sun's

**Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation

rays were reflected off a bright subject the hole, the clearer the picture. His

Ibn al-Haitham, while in a room one periments, he explained that light trav- flat white surface parallel to the hole. or pinhole camera, in history. He went on to explain that we see objects upright and not upside down, as the camters. It fell onto the wall opposite and they passed through the small hole discoveries led to the invention of the era does, because of the connection of and did not scatter but crossed and re- camera obscura, and Ibn al-Haitham the optic nerve with the brain, which image during eclipses. From these ex- formed as an upside-down image on a built the first camera, a camera obscura analyses and defines the image.

Muharram - Safar

Wednesday । الثلاثاء الإثنين **Sunday** Saturday **Monday Thursday Friday Tuesday** 20 21 22 23 24 25 26 Muharram 1434 Boxing Day (Canada) Christmas Day (U.S.A. & Canada) 



January 2013 كانونالثاني-يناير

*Muslims' Contributions to Civilization* (Astronomy)

**Source:** 1001 Inventions, Muslim Heritage in Our World, Foundation for Science Technology and Civilisation

There was a practical need in location, which was done by ob- lim calendar, all these religious mo- tories in the East, but for the 300 the Muslim world to determine serving the position of the Sun and tivations made astronomy become the times of the 5 daily prayers Moon. Then the Quran had some a source of concern for Muslim Spain, it was the center of world throughout the year. They also major revelations about the heav-scholars a thousand years ago. astronomy. The new astronomical needed to know the direction of ens that needed to be explored. Most of the great astronomical tables made there were used in Mecca from every geographical And, in addition to the lunar Mus- discoveries happened in observa- Europe for two centuries.

years that Muslims ruled Toledo in

Safar - Rabi' I

صفر - ربيع الأول

عد Sunday	Monday	الثلاثاء الإثنين Tuesday	الأربعاء Wednesday	الخميس Thursday	الجمعة Friday	السبت Saturday
		New Year's Day (U.S.A. & Canada)	2	3	4	5
		<b>19</b> Safar	20	21	22	23
6	7	8	9	10	11	12
24	25	26	27	28	29	30
13	14	15	16	17	18	19
<b>1</b> Rabi' I	2	3	4	5	6	7
20	Birthday of Martin Luther King, Jr. (U.S.A.)	22	23	24	25	26
8	9	10	11	12	13	14
27	28	29	30	31	Dec 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	Feb 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
15	16	17	18	19	23 24 25 26 27 28 29 30 31	24 25 26 27 28