

# Triangular Prism 2009

2009

**JANUARY**

MON 5 12 19 26  
TUE 6 13 20 27  
WED 7 14 21 28  
THU 1 8 15 22 29  
FRI 2 9 16 23 30  
SAT 3 10 17 24 31  
SUN 4 11 18 25

2009

**FEBRUARY**

MON 2 9 16 23  
TUE 3 10 17 24  
WED 4 11 18 25  
THU 5 12 19 26  
FRI 6 13 20 27  
SAT 7 14 21 28  
SUN 1 8 15 22

2009

**MARCH**

MON 2 9 16 23 30  
TUE 3 10 17 24 31  
WED 4 11 18 25  
THU 5 12 19 26  
FRI 6 13 20 27  
SAT 7 14 21 28  
SUN 1 8 15 22 29

2009

**APRIL**

MON 6 13 20 27  
TUE 7 14 21 28  
WED 1 8 15 22 29  
THU 2 9 16 23 30  
FRI 3 10 17 24  
SAT 4 11 18 25  
SUN 5 12 19 26

2009

**MAY**

MON 4 11 18 25  
TUE 5 12 19 26  
WED 6 13 20 27  
THU 7 14 21 28  
FRI 1 8 15 22 29  
SAT 2 9 16 23 30  
SUN 3 10 17 24 31

2009

**JUNE**

MON 1 8 15 22 29  
TUE 2 9 16 23 30  
WED 3 10 17 24  
THU 4 11 18 25  
FRI 5 12 19 26  
SAT 6 13 20 27  
SUN 7 14 21 28

2009

**JULY**

MON 6 13 20 27  
TUE 7 14 21 28  
WED 1 8 15 22 29  
THU 2 9 16 23 30  
FRI 3 10 17 24 31  
SAT 4 11 18 25  
SUN 5 12 19 26

2009

**AUGUST**

MON 3 10 17 24 31  
TUE 4 11 18 25  
WED 5 12 19 26  
THU 6 13 20 27  
FRI 7 14 21 28  
SAT 1 8 15 22 29  
SUN 2 9 16 23 30

2009

**SEPTEMBER**

MON 7 14 21 28  
TUE 1 8 15 22 29  
WED 2 9 16 23 30  
THU 3 10 17 24  
FRI 4 11 18 25  
SAT 5 12 19 26  
SUN 6 13 20 27

2009

**OCTOBER**

MON 5 12 19 26  
TUE 6 13 20 27  
WED 7 14 21 28  
THU 1 8 15 22 29  
FRI 2 9 16 23 30  
SAT 3 10 17 24 31  
SUN 4 11 18 25

2009

**NOVEMBER**

MON 2 9 16 23 30  
TUE 3 10 17 24  
WED 4 11 18 25  
THU 5 12 19 26  
FRI 6 13 20 27  
SAT 7 14 21 28  
SUN 1 8 15 22 29

2009

**DECEMBER**

MON 7 14 21 28  
TUE 1 8 15 22 29  
WED 2 9 16 23 30  
THU 3 10 17 24 31  
FRI 4 11 18 25  
SAT 5 12 19 26  
SUN 6 13 20 27

**To make**

Cut out along all the 'solid' lines and fold along the broken lines. Glue the tabs in the order they are numbered. The use of a ruler is useful when gluing tab 1. Make sure the calendar appears on the outside of the shape being made!

**For best results**

Use sharp scissors and cut carefully. Lightly score all broken lines before folding. Roughly fold it up into position (without glue) so as to have a clear idea of how it will look.

Use a good glue, don't put too much on, and make sure each tab is secure before doing the next. Where two tabs have the same number, glue them all at the same time.

A **triangular prism** is a polyhedron having 2 faces (the ends) which are triangular in shape and parallel to each other, and 3 other faces which are rectangles (as in this model) or parallelograms, and join the 2 end faces together.

**To make**

First, cut it out around the outside edge, then score and crease all the 'broken' lines. Assemble it by following the instructions on the right. This model is of the 'fold and tuck' variety, needing no glue, yet it is quite robust.

**To assemble**

Keep all the numbered end flaps sticking out, and 'roll' it into shape (taking care to keep individual faces flat) so that the face marked 'A' goes *under* the January/April face.

Then, working on one end at a time, bend flaps 1 to 3 down in that order. Finally, lay flap 4 over 3 and *tuck it under 2*.

**JANUARY**

MON	5	12	19	26	
TUE	6	13	20	27	
WED	7	14	21	28	
THU	1	8	15	22	29
FRI	2	9	16	23	30
SAT	3	10	17	24	31
SUN	4	11	18	25	

**FEBRUARY**

MON	2	9	16	23
TUE	3	10	17	24
WED	4	11	18	25
THU	5	12	19	26
FRI	6	13	20	27
SAT	7	14	21	28
SUN	1	8	15	22

**MARCH**

MON	2	9	16	23	30
TUE	3	10	17	24	31
WED	4	11	18	25	
THU	5	12	19	26	
FRI	6	13	20	27	
SAT	7	14	21	28	
SUN	1	8	15	22	29

**APRIL**

MON	6	13	20	27	
TUE	7	14	21	28	
WED	1	8	15	22	29
THU	2	9	16	23	30
FRI	3	10	17	24	
SAT	4	11	18	25	
SUN	5	12	19	26	

**MAY**

MON	4	11	18	25	
TUE	5	12	19	26	
WED	6	13	20	27	
THU	7	14	21	28	
FRI	1	8	15	22	29
SAT	2	9	16	23	30
SUN	3	10	17	24	31

**JUNE**

MON	1	8	15	22	29
TUE	2	9	16	23	30
WED	3	10	17	24	
THU	4	11	18	25	
FRI	5	12	19	26	
SAT	6	13	20	27	
SUN	7	14	21	28	

**JULY**

MON	6	13	20	27	
TUE	7	14	21	28	
WED	1	8	15	22	29
THU	2	9	16	23	30
FRI	3	10	17	24	31
SAT	4	11	18	25	
SUN	5	12	19	26	

**AUGUST**

MON	3	10	17	24	31
TUE	4	11	18	25	
WED	5	12	19	26	
THU	6	13	20	27	
FRI	7	14	21	28	
SAT	1	8	15	22	29
SUN	2	9	16	23	30

**SEPTEMBER**

MON	7	14	21	28	
TUE	1	8	15	22	29
WED	2	9	16	23	30
THU	3	10	17	24	
FRI	4	11	18	25	
SAT	5	12	19	26	
SUN	6	13	20	27	

**OCTOBER**

MON	5	12	19	26	
TUE	6	13	20	27	
WED	7	14	21	28	
THU	1	8	15	22	29
FRI	2	9	16	23	30
SAT	3	10	17	24	31
SUN	4	11	18	25	

**NOVEMBER**

MON	2	9	16	23	30
TUE	3	10	17	24	
WED	4	11	18	25	
THU	5	12	19	26	
FRI	6	13	20	27	
SAT	7	14	21	28	
SUN	1	8	15	22	29

**DECEMBER**

MON	7	14	21	28	
TUE	1	8	15	22	29
WED	2	9	16	23	30
THU	3	10	17	24	31
FRI	4	11	18	25	
SAT	5	12	19	26	
SUN	6	13	20	27	

**Triangular prism 2009**

Triangular prism 2009

Triangular prism 2009

Triangular prism 2009

Triangular prism 2009

Triangular prism 2009

Triangular prism 2009

Print or photocopy this drawing onto card.  
 Cut it out around the outside edge.  
 Cut along the 12 .solid. lines which slope inwards.  
 Score and crease all the 'broken' lines.  
 Assemble it by following the instructions on the right.

7	<b>JANUARY 2009</b>	<b>FEBRUARY 2009</b>	7
6	MON 5 12 19 26 TUE 6 13 20 27 WED 7 14 21 28 THU 1 8 15 22 29 FRI 2 9 16 23 30 SAT 3 10 17 24 31 SUN 4 11 18 25	MON 2 9 16 23 TUE 3 10 17 24 WED 4 11 18 25 THU 5 12 19 26 FRI 6 13 20 27 SAT 7 14 21 28 SUN 1 8 15 22	6
5	<b>MARCH 2009</b>	<b>APRIL 2009</b>	5
4	MON 2 9 16 23 30 TUE 3 10 17 24 31 WED 4 11 18 25 THU 5 12 19 26 FRI 6 13 20 27 SAT 7 14 21 28 SUN 1 8 15 22 29	MON 6 13 20 27 TUE 7 14 21 28 WED 1 8 15 22 29 THU 2 9 16 23 30 FRI 3 10 17 24 SAT 4 11 18 25 SUN 5 12 19 26	4
3	<b>MAY 2009</b>	<b>JUNE 2009</b>	3
2	MON 4 11 18 25 TUE 5 12 19 26 WED 6 13 20 27 THU 7 14 21 28 FRI 1 8 15 22 29 SAT 2 9 16 23 30 SUN 3 10 17 24 31	MON 1 8 15 22 29 TUE 2 9 16 23 30 WED 3 10 17 24 THU 4 11 18 25 FRI 5 12 19 26 SAT 6 13 20 27 SUN 7 14 21 28	2
1	<b>JULY 2009</b>	<b>AUGUST 2009</b>	1
	MON 6 13 20 27 TUE 7 14 21 28 WED 1 8 15 22 29 THU 2 9 16 23 30 FRI 3 10 17 24 31 SAT 4 11 18 25 SUN 5 12 19 26	MON 3 10 17 24 31 TUE 4 11 18 25 WED 5 12 19 26 THU 6 13 20 27 FRI 7 14 21 28 SAT 1 8 15 22 29 SUN 2 9 16 23 30	
	<b>SEPTEMBER 2009</b>	<b>OCTOBER 2009</b>	
	MON 7 14 21 28 TUE 1 8 15 22 29 WED 2 9 16 23 30 THU 3 10 17 24 FRI 4 11 18 25 SAT 5 12 19 26 SUN 6 13 20 27	MON 5 12 19 26 TUE 6 13 20 27 WED 7 14 21 28 THU 1 8 15 22 29 FRI 2 9 16 23 30 SAT 3 10 17 24 31 SUN 4 11 18 25	
	<b>NOVEMBER 2009</b>	<b>DECEMBER 2009</b>	
	MON 2 9 16 23 30 TUE 3 10 17 24 WED 4 11 18 25 THU 5 12 19 26 FRI 6 13 20 27 SAT 7 14 21 28 SUN 1 8 15 22 29	MON 7 14 21 28 TUE 1 8 15 22 29 WED 2 9 16 23 30 THU 3 10 17 24 31 FRI 4 11 18 25 SAT 5 12 19 26 SUN 6 13 20 27	

Then, work on one end at a time.  
 Bend flaps 1 to 6 down in that order.  
 Finally, lay flap 7 over 6 and tuck it under 2.

**To assemble**  
 Keep all the numbered end flaps sticking out, and .roll. it into shape (taking care to keep individual faces flat) so that the face marked .A. goes under the January/February face.

The **hexagonal prism** is a polyhedron having 2 faces (the ends) which are identical hexagons and are parallel to each other. The 6 faces which join these end faces together are all identical rectangles.

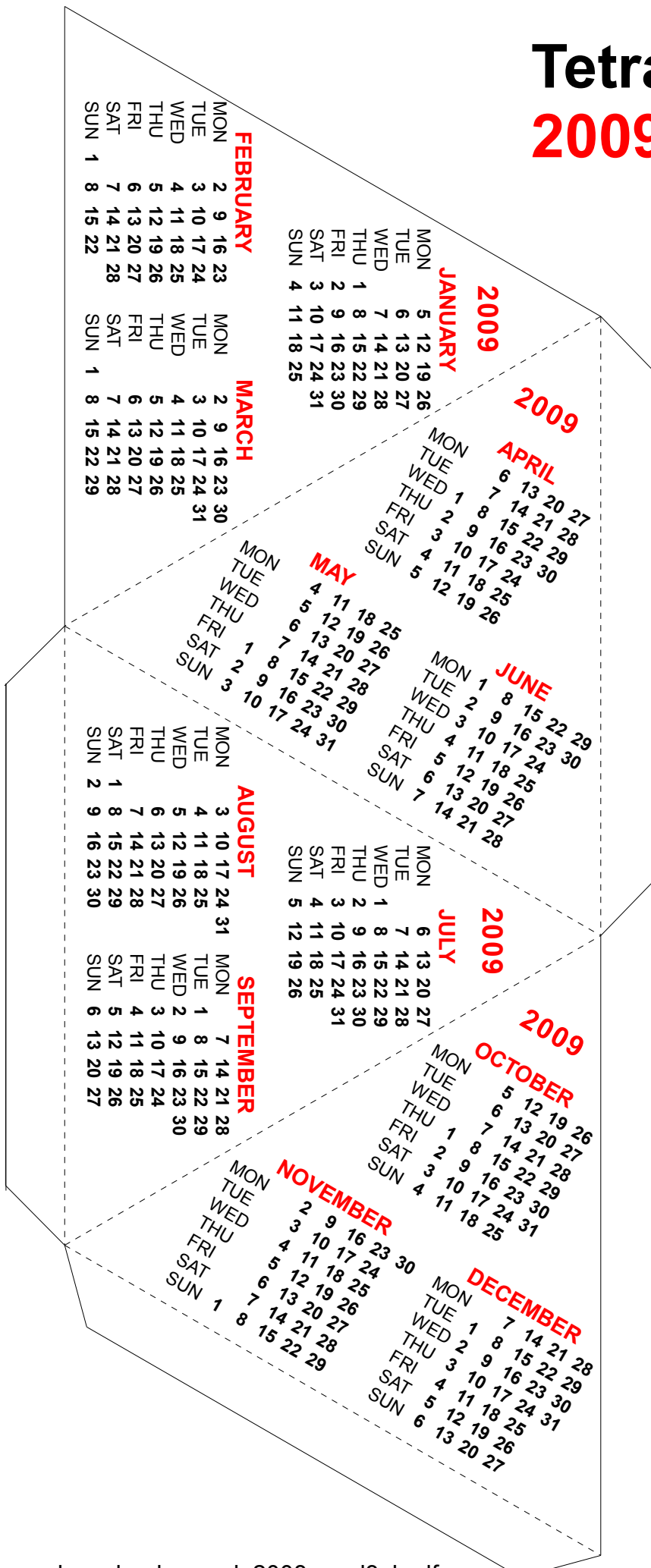
# Hexagonal prism 2009

In this particular model the hexagonal ends are regular, but they do not have to be so. This model is of the .fold and tuck. variety, needing no glue, yet it is quite robust.

# Tetrahedron

## 2009

A **tetrahedron** is polyhedron having 4 faces. If each face is an equilateral triangle, as it is in this model, then it is known as a **regular tetrahedron**.



### To make

Cut out along all the 'solid' lines.  
 Score and crease along the 'broken' lines.  
 Fold it up into position (without glue) so as to get an idea of how it will look.  
 Glue the tabs in the order they are numbered.

# Tetrahedron 2009

A **tetrahedron** is polyhedron having 4 faces. If each face is an equilateral triangle, as it is in this model, then it is known as a **regular tetrahedron**.

## To make

Cut out along all the 'solid' lines.

Score and crease along the 'broken' lines.

Fold flap 1 under the face which has January on it.

Fold flap 2 under the face which has October on it.

Carefully work flap 3 under the face which has July on it.

The result should be a tetrahedron which is quite robust without any glue being used to hold it together.

The technique used to make this model is known as plaiting (*pronounced "plaiting"*) and can be used to make many other 3-dimensional shapes.

