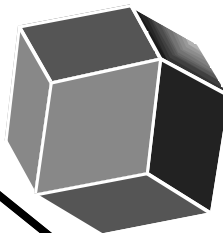


Life-Science

connection:

- ◇ How do bees take advantage of this shape?



May 2014

Su	M	Tu	W	Th	F	Sa
					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

ammendle@ucdavis.edu

June 2014

Su	M	Tu	W	Th	F	Sa
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					

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January 2014

Su	M	Tu	W	Th	F	Sa
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 2014

Su	M	Tu	W	Th	F	Sa
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						

March 2014

Su	M	Tu	W	Th	F	Sa
30	31	2	3	4	5	6
		9	10	11	12	13
		16	17	18	19	20
		23	24	25	26	27
		28	29			

Geology connection:

- ◇ Which minerals share this shape?

To Assemble

1. Cut out
2. Make mountain folds on bold inside lines.
3. Put glue on the tabs and join adjacent edges.
or
Ignore the tabs and use clear tape to join the edges.

July 2014

Su	M	Tu	W	Th	F	Sa
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		

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December 2014

Su	M	Tu	W	Th	F	Sa
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			

Al Mendle 9/10

February 2014

Su	M	Tu	W	Th	F	Sa
28	29	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						

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October 2014

Su	M	Tu	W	Th	F	Sa
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 2014

Su	M	Tu	W	Th	F	Sa
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			

September 2014

Su	M	Tu	W	Th	F	Sa
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				

Tessellation Challenges:

- ◇ Is it possible to pack lots of these dodecahedra to fill space without leaving gaps?
- ◇ Is it possible to pack other 3-dimensional shapes to tile space? Which ones?

2014 as viewed on a rhombic dodecahedron