

Table S2 – Peaks of activation to meaningful math versus meaningful nonmath in experiment 2.

	Math > Nonmath																			
	Blind subject A				Blind subject B				Blind subject C				Blind subjects				Sighted subjects			
	x	y	z	t	x	y	z	t	x	y	z	t	x	y	z	t	x	y	z	t
L IT	-56	-55	-13	10.03	-47	-61	-1	7.12	-56	-55	-16	6.86	-56	-55	-11	5.71	-56	-49	-23	10.81
R IT	60	-57	-7	7.31	57	-51	-17	6.55	53	-66	-4	6.79					62	-54	-10	11.37
L IPS	-51	-49	57	7.83	-44	-57	42	5.87	-48	-45	55	10.39	-48	-45	54	6.97	-57	-34	48	13.46
R IPS	48	-36	55	8.97	42	-55	55	7.49	50	-42	57	10.95	42	-49	64	7.35	48	-37	48	11.62
L occipito- parietal	-26	-79	27	9.97	-8	-78	42	9	-24	-76	49	11.86	-26	-78	49	9.22	-32	-82	28	6.69
R occipito- parietal					27	-76	42	6.22	30	-69	45	11.45	29	-63	45	8.03	45	-75	28	6.91
R Mid Occipital/ Calcarine	23	-88	6	8.98					0	-82	-2	5.11								
L Mid Occipital	-20	-97	1	7.42	-33	-87	12	7.17	-8	-91	-5	3.93								
L SFS																	-26	-4	60	6.36
R SFS									24	5	67	7.98					29	7	63	6.88
L MFG (BA9)	-26	8	46	7.08					-51	8	24	8.53	-48	8	34	6.06	-48	8	34	9.36
R MFG (BA9/BA10)	50	5	42	9.00	59	13	31	6.2	54	16	42	10.26					48	8	25	8.59
L MFG (BA46)	-53	32	18	10.36	-36	55	10	8.86	-45	41	21	10.23					-47	32	31	7.96
R MFG (BA46)									42	47	16	9.86					51	41	21	6.45
L IFG													-28	55	7	4.53				

Table S3 – Correlation between activation and statements imageability in experiment 1.

	Correlation between activation and statements imageability							
	Blind subject A				Blind subject B			
	x	y	z	t	x	y	z	t
L inf parietal lobule	-42	-55	51	5.38				
R inf parietal lobule	56	-52	46	5.7				
L parietal sup	-36	-61	61	4.84				
R parietal sup	29	-69	60	5.94				
L Occ sup/precuneus	-30	-78	40	6.12				
R Occ sup/precuneus					27	-76	42	5.98
L precuneus	-12	-76	54	6.26				
R Cuneus					2	-79	30	4.95
L Calcarine	-13	-99	-7	4.72				
R Calcarine	15	-100	-7	6.03				
L middle occipital					-38	-85	30	5.24
R middle occipital					41	-82	25	5.35
L MFG (BA6)	-36	14	61	7.52				
R MFG (BA6)	45	13	57	6.56				
L SFS					-23	17	69	5.09
R SFS					29	13	69	5.48