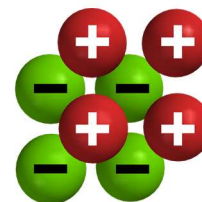


ODYSSEY Molecular Explorer

Release 6

Visualize... Manipulate... Investigate

Scientifically Sound Software for Students and Teachers



Content & Features

- **Demos & Visuals** > 50 Experiments focused on a specific question (including 21 featured experiments)
- **Guided Labs** > 110 Worksheet-style labs (including 28 featured labs); > 1,100 questions
- Declaration of exportable **Custom Lists** (for both *Demos & Visuals* and *Guided Labs*)
- **New Users** > 50 Tutorials (for general operation of the program and for building new models)
- **Concepts & Applications** > 140 Topics (models and accompanying essays)
- **Molecular Stockroom** > 800 Compounds; > 1,400 models
- Switch between all sections directly from start page
- Improved graphical user interface and visualization options
- Extensive use of side-by-side model comparisons
- Change speed of any simulation with slider control

Special Sections

- 分子化学 (in Japanese)
- **Materia en movimiento** (in Spanish)
- **Teilchen und Materie** (in German)
- Integration with **Chemistry: Human Activity, Chemical Reactivity** (CHACR), Second Edition by Mahaffy, Tasker, Bucat, Kotz, Weaver, Treichel, and McMurry (Nelson Education, 2015)
- Specific versions for the CHACR **International Edition** as well as the **CHACR Canadian Edition**

Support for Windows and OS X/macOS

- Windows 7, 8, or 10
- 10.10 Yosemite, 10.11 El Capitan, 10.12 Sierra, or 10.13 High Sierra

Features Limited to the Instructor's Edition

- Answer key
- Lists of misconceptions for labs and topics
- Hyperlinks to online *ODYSSEY* teaching tutorials
- Customization of questions (and creation of new labs if *Enable Authoring of New Labs* option is set)
- Saving of complete molecular labs (can be hyperlinked)
- Alignment with Next Generation Science Standards*, AP Chemistry Curriculum**, and 33 state-level and other regional standards (all accessible from *Help* menu)

*Next Generation Science Standards (NGSS) is a registered trademark of Achieve. Neither Achieve nor the lead states and partners that developed the Next Generation Science Standards was involved in the production of, and does not endorse, this product.

**AP® is a trademark registered and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

Numbering of Labs

v. 5.4.2, College Chemistry Setting → v. 6.0.0

		Demos & Visuals	Guided Labs	Concepts & Applications		Demos & Visuals	Guided Labs	Concepts & Applications
		<i>(Complete Lists)</i>				<i>(Complete Lists)</i>		
Lab 1	→		1		Lab 42	→	31	
Lab 2	→		2		Lab 43	→		7
Lab 3	→		3		Lab 44	→	32	
Lab 4	→		4		Lab 45	→	33	
Lab 5	→			1-3	Lab 46	→	34	
Lab 6	→		6		Lab 47	→	35	
Lab 7	→		7		Lab 48	→		8
Lab 8	→		8		Lab 49	→		9
Lab 9	→		9		Lab 50	→		10
Lab 10	→		10		Lab 51	→	37	
Lab 11	→	41-43			Lab 52	→	36	
Lab 12	→			46	Lab 53	→	25	
Lab 13	→		83		Lab 54	→	38	
Lab 14	→			47	Lab 55	→	39	
Lab 15	→			48	Lab 56	→	40	
Lab 16	→		84		Lab 57	→	41	
Lab 17	→		85		Lab 58	→	43	
Lab 18	→		12		Lab 59	→	44	
Lab 19	→		13		Lab 60	→	42	
Lab 20	→	9			Lab 61	→	45	
Lab 21	→		14		Lab 62	→	46	
Lab 22	→		15		Lab 63	→	47	
Lab 23	→		16		Lab 64	→	48	
Lab 24	→		17		Lab 65	→		11
Lab 25	→		18		Lab 66	→	49	
Lab 26	→	48-51			Lab 67	→		12
Lab 27	→		19		Lab 68	→		13
Lab 28	→	16, 17			Lab 69	→		14
Lab 29	→		20		Lab 70	→		15
Lab 30	→		21		Lab 71	→	50	
Lab 31	→		23		Lab 72	→		16
Lab 32	→			4	Lab 73	→	51	
Lab 33	→		24		Lab 74	→	52	
Lab 34	→			5	Lab 75	→	53	
Lab 35	→		25		Lab 76	→	54	
Lab 36	→		26		Lab 77	→		17
Lab 37	→		27		Lab 78	→		18
Lab 38	→		28		Lab 79	→	55	
Lab 39	→		29		Lab 80	→	56	
Lab 40	→		30		Lab 81	→	57	
Lab 41	→			6	Lab 82	→	59	

		Demos & Visuals <i>(Complete Lists)</i>	Guided Labs	Concepts & Applications		Demos & Visuals <i>(Complete Lists)</i>	Guided Labs	Concepts & Applications
Lab 83	→	28			Lab 130	→	47	
Lab 84	→			22	Lab 131	→	45, 46	
Lab 85	→		60		Lab 132	→	90	
Lab 86	→		61		Lab 133	→	91	
Lab 87	→		62		Lab 134	→		50
Lab 88	→		63		Lab 135	→		51
Lab 89	→		64		Lab 136	→		52
Lab 90	→		65		Lab 137	→		53
Lab 91	→		66		Lab 138	→		54
Lab 92	→			24	Lab 139	→		55
Lab 93	→		67		Lab 140	→		56
Lab 94	→	30			Lab 141	→		57
Lab 95	→		68		Lab 142	→		58
Lab 96	→	31			Lab 143	→		59
Lab 97	→		69		Lab 144	→		60
Lab 98	→	33, 34			Lab 145	→	92	
Lab 99	→	4			Lab 146	→		61
Lab 100	→		70		Lab 147	→	93	
Lab 101	→		71		Lab 148	→	94	
Lab 102	→			25	Lab 149	→	96	
Lab 103	→			26	Lab 150	→	97	
Lab 104	→			27	Lab 151	→	98	
Lab 105	→			28	Lab 152	→	99	
Lab 106	→			29	Lab 153	→	100	
Lab 107	→		73		Lab 154	→		98
Lab 108	→			30	Lab 155	→	101	
Lab 109	→		74		Lab 156	→	102	
Lab 110	→	36			Lab 157	→	103	
Lab 111	→		75		Lab 158	→	104	
Lab 112	→		76		Lab 159	→	105	
Lab 113	→			34	Lab 160	→	106	
Lab 114	→			36	Lab 161	→	107	
Lab 115	→		78		Lab 162	→	108	
Lab 116	→		79		Lab 163	→		101
Lab 117	→		80		Lab 164	→		123
Lab 118	→			37	Lab 165	→	109	
Lab 119	→			40	Lab 166	→	110	
Lab 120	→			41	Lab 167	→	111	
Lab 121	→		81		Lab 168	→		126
Lab 122	→		82		Lab 169	→		127
Lab 123	→			44	Lab 170	→	112	
Lab 124	→	44			Lab 171	→		128
Lab 125	→		86		Lab 172	→	113	
Lab 126	→		87		Lab 173	→	114	
Lab 127	→			49	Lab 174	→	115	
Lab 128	→		88		Lab 175	→		138
Lab 129	→		89					