



Jamie York Math Academy

Fractal Geometry & Chaos

READING LIST

<u>Expectation</u>	<u>When to complete</u>	<u>Length</u>	<u>Reading or Video</u>
Expected	After W29•L2	2½ minutes	Arcadia – Scene 3 excerpt
Optional	Anytime	8 pages	[0] Chaos – Prologue
Expected	Before W31•L2	24 pages	[1] Chaos – The Butterfly Effect
Expected	Before W31•L2	15 pages	The Electron at the End of the Universe
Optional	Anytime after [1] Chaos	24 pages	[2] Chaos – Revolution
Optional	Anytime after [1] Chaos	14 pages	The Hidden Heroines of Chaos
Expected	Anytime after W31•L1	7½ minutes	Arcadia – Scene 4 excerpt
Encouraged	Anytime after W31•L1	38 pages	[4] Chaos – A Geometry of Nature
Optional	Anytime after [1] Chaos	36 pages	[5] Chaos – Strange Attractors
Encouraged	Anytime after [4] Chaos	28 pages	[8] Chaos – Images of Chaos
Expected	After W32•L1	24 pages	[3] Chaos – Life’s Ups and Downs
Encouraged	Anytime after [3] Chaos	24 pages	[6] Chaos – Universality
Encouraged	Anytime after [6] Chaos	24 pages	[7] Chaos – The Experimenter
Optional	Anytime after [3] Chaos	32 pages	[9] Chaos – The Dynamical Systems Collective
Encouraged	Anytime after [1] Chaos	28 pages	[10] Chaos – Inner Rhythms
Optional	Anytime after [10] Chaos	18 pages	[11] Chaos – Chaos and Beyond
Encouraged	Anytime after W32•L2	3 hours or 97 pages	Arcadia – Reed College performance ...or... read the script (available for \$5) ----- CONTENT ADVISORY: Contains sexism, male chauvinism, and mentions of ableism, homophobia, and date rape.
Encouraged	Anytime after W32•L2	? pages	Anxiety is the Dizziness of Freedom , a science fiction short story by author Ted Chiang, included in the collection <i>Exhalation</i> (perhaps available at your library, otherwise available for purchase) ----- CONTENT ADVISORY: Contains violence and references to drug addiction.