


Institute (v1.0)	Category	Context	Strength	Weakness
	Program Subjects	Math, Reading		
	Curriculum Design	<u>Worksheets</u> : written instructions and sample solution followed by problems to solve by imitating sample solution.	Small-unit base, concise instruction and exercise good for 30 min focus-span,	Old-school material, no frequent update, Rush to Calculus by relaxing Trigonometry & Analytical Geometry.
	Learning Paradigm	Fully Self-Study, No Lecture, Raise-Hand Inquiry, Self-Correction, Instructor as Passive Mentor	Self-motivation, Self-learning, Self-correction, Small steps make giant leap. Daily HW boost learning habit.	Learn-by-example only good for low-level Math and Reading
	Classroom Setting	1 Prime Instructor, 1 New-Concept Instructor, and several Worksheet Graders/class for unlimited students, random seating	Sophisticated interior design, Large classroom low overhead, Comraderies' atmosphere	Large classroom, Frequent sidetrack, some maybe left behind
	Classroom Procedure	Submit HW for grading, Pick up new worksheets, (Receive new-concept tutoring), Work on new worksheets, Submit for grading, Receive graded worksheets, Correct the mistakes until 100%	Routinely flow helps small kids self-discipline, School like setting makes familiar, Self-correction a valuable discipline	Only good for autonomous kids, large # per class often unmanageable & noisy
	Recent Change	Adding extra manpower, New-concept Instructor, to tutor 1-on-1 in class for hard-to-grasp concepts before self-study	Small lecture for new concept, a great boost to effective learning.	---
	Pricing Structure	\$120~\$160/month (Seattle, WA), 2 hours/week, flex-schedule attendance	Low cost affordable for large audience, 2 times a week keeps momentum alive. High parents' effort on commute and HW attention.	---
	Cream of the Crop	Practice makes perfect, Mastery = Accuracy x Speed, Quantum leap is composed of small steps.	Founder of after-school learning system, Method proven effective for 4 decades.	---
	Program Subjects	Basic Math, Critical Math, Reading, Writing	---	---
	Curriculum Design	<u>Workbooks</u> : 3 target pages as lecture notes, by which 1-on-1 with instructor, Ph.D-designed curriculum	Ph.D in Math designed workbook and roadmap, interactive learning,	---
	Learning Paradigm	Lecture+Self Study, Proactive Inquiry-Responding, Instructor as Coach & Mentor	Semi-autonomous, Lecture & Self-study balance, attention & Focus Span balance,	---
	Classroom Setting	Max. 10 heads per class, 5-stage Instruction Pipelining, Individual desk, Fixed seating	Perfect class ratio, Individual desk no sidetrack, Medium overhead	
	Classroom Procedure	Submit HW for grading, Pick up new workbook, 1-on-1 for Target 1, Work on Target 1 Exercise, 1-on-1 for Check-up & Target 2, Work on Target 2 Exercise, Wrap-up and HW assignment.	Well-crafted class flow, Meet instructor in-turn, Time and attention evenly distributed, Nobody left behind	---
	Recent Change	Renew Reading Level distribution	---	---
	Pricing Structure	\$180~\$200/month (Seattle, WA), 1 hour/week, fixed-schedule	Best price performance ratio, small parents' effort.	---
	Cream of the Crop	Basic & Critical Math in parallel, Reading & Writing in parallel, 2 short lecture driven by target pages in 5 stages.	2 short lectures w/ 2 small cycles driven by target pages, HW fills in between targets	---
	Program Subjects	Math, Reading, Writing	---	---
	Curriculum Design	<u>Lesson Binder</u> : Off-the-shelf curriculum exercises assigned for class with tutor's guidance and ad-hoc lecture per exercise	---	Adopt off-the-shelf lesson book, tutor no prior exposure for book
	Learning Paradigm	Learning Efficacy based on Focus-Span & Mind-Refreshing scheme from Education Psychology research outcome. Instructor as Coach	School Homework help, fully flexible lesson context, highly tutor-parent communication	No homework, low knowledge retention
	Classroom Setting	3 tables, 3 tutors covering 6 heads in round-robin way, 1 hour split into 3 sections in 30/15/15 with Math Minute as break	Well design, full stress reliever, 1-to-2 ratio gives close attention to everyone.	High overhead
	Classroom Procedure	Sit in pre-assigned seat, do exercise with guidance, rotate seat, do Math Minute and break, rotate seat, do final exercise	Musical Chair type of settings and rotation scheme: A stress reliever and mind refresher	---
	Recent Change	---	---	---
	Pricing Structure	\$350 per 4-week (Seattle, WA), 1 hour/week, fixed-schedule attendance	---	Only for rich parents, Low parent's effort
	Cream of the Crop	Revolving seating with Math-Minute break, 1-to-2 Tutoring, Learning Efficacy based on research result.	Revolutionary Math-Minute break boosts final 15 min's productivity.	---