P2C Math: Supplemental Usage Framework

Used at the right moments, **P2C Math enhances your existing curriculum** with career-relevant context and real-world application, without disrupting pacing. Strategic, unit-aligned lesson selection (for example, a few times per month) helps students see the real-world "why" behind the math and deepens understanding through authentic tasks and projects.

Instructional Use Case	Primary Purpose of P2C Math	Recommended Frequency & Dosage	Aligned Models & Strategies	Implementation Focus
Supplemental/ Enrichment Resource	Enhance existing curriculum with career-relevant contexts & projects	~2–3 lessons per month (strategic unit tie-ins)	Tech Integration: SAMR (Augmentation);	Select P2C Application lessons that align to current unit topics to deepen real-world understanding; use in station rotations or as culminating projects
Intervention (RTI/MTSS Tier 2–3)	Remediate skill gaps with engaging, contextualized practice	1–2 sessions/week (20–40 minutes each)	Intervention: RTI/MTSS framework; Explicit & Systematic Instruction	Use Math Bridge lessons targeting prerequisite skills; deliver in small groups or tutoring sessions; monitor progress with P2C's diagnostic assessments and adapt tasks as needed
Acceleration for Advanced Learners	Extend learning for gifted/ talented students through real-world challenges	1–2 times per month (longer project blocks)	Gifted Ed: Enrichment clusters; PBL; Bloom's Taxonomy (analysis/ synthesis levels)	Assign advanced P2C projects that require deeper inquiry or cross-curricular integration; encourage student-driven exploration of additional career applications
Career/CTE Integration	Connect math to Career & Technical Education (CTE) contexts for relevance	≥ 1 career-focused lesson per unit (e.g., monthly)	Contextual Learning: Math-in-CTE model (spend ~10% of time making embedded math explicit); Linked Learning approach	Embed P2C's career-context lessons to apply key concepts in authentic CTE scenarios; collaborate with CTE teachers or incorporate industry examples to reinforce academic–career connections
Special Education & Inclusion	Differentiate math instruction with supportive, multimodal content	1–2 lessons per week (as needed per IEP goals)	Inclusive Design: Universal Design for Learning (UDL); Differentiated Instruction principles	Utilize P2C's multiple representations (visual, textual, interactive) and scaffolds (hints, step-by-step problems); allow alternative ways to engage and respond; focus on career contexts that tap student interests
Student Engagement & Motivation	Boost relevance, interest, and perseverance in math learning	Biweekly engaging lessons or activities	Motivation: ARCS model (Attention, Relevance, Confidence, Satisfaction); Self-Determination Theory (autonomy, purpose)	Incorporate P2C career vignettes, videos, or "Did You Know?" exercises as warm-ups or themed days; let students assume professional roles in math problems to enhance sense of purpose
Advisory / SEL Integration	Support social-emotional learning (SEL) through goal-setting and career exploration	1–2 advisory sessions per month	SEL: CASEL Competencies (self-awareness, future planning); Career Exploration activities	Use P2C career profiles and reflection prompts for students to connect math skills with personal goals; facilitate discussions on how math empowers career and life choices, building student self-efficacy
Data-Driven Instruction (DDI)	Monitor and respond to student learning needs using assessments	Ongoing formative checks (weekly); Benchmarks at BOY/MOY/EOY	Assessment: DDI cycle (assess–analyze–act); Formative Assessment strategies (feedback loops)	Administer P2C's built-in quizzes and Quantile-aligned benchmarks; review results in PLC meetings; re-teach or assign specific P2C lessons based on skill gaps; set student growth goals tied to career readiness levels