





Science Ideas Project: Graphic Perspectives on Scale-Up





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Sustainability / Expansion, Fidelity/Achievement Criteria Developing Capacity of District to Sustain/Expand Effectiveness Criteria: Fidelity of Implementation, Achievement Outcomes, Recognized Added Value Year 2 Multi-Phase Scale Up Multi-Phase Scale Up Planning Year 1 Multi-Phase Scale Up Identify Added Strategies/Action Identify and Initiate Activities for Establishing/ Recognizing Value of Intervention to Continue to Identify and Initiate Activities for Value Structure Plan re: District as a Whole (e.g., school/classroom visits, teacher quality, achievement Establishing/ Recognizing Added Value of for Intervention Added Value Intervention to District outcomes) Monitor / Assess Student Achievement in Monitor / Assess Student Achievement in Reading Specify Fidelity/ Adopt Fidelity / Science and Affective Progress Reading / Science and Affective Progress Achievement Achievement Dutcome Criteria Design Schedule and Conduct Project Fidelity Schedule and Conduct Project Fidelity Monitoring Monitoring Establish Multi-Phase Capacity Continue Activities for Developing Capacity of Initiate Activities for developing Capacity of District (Central Adm, Strategies for Development District (Central Adm, Principals, Teacher PD Responsibility Principals, Teacher PD Trainer/Mentors (Intra- Inter-School) Requirements Trainer/Mentors (Intra- Inter-School) . Transfer Establish for Scale Up Research-Validated Year 2 Implementation Year 1 Implementation Intervention Implementation Planning Document Intervention in orm for School School School Principal District Recruit School Principal Use as molementation mplementation molementation mplementation Instructional Management/ Participation Training / . Training / Planning Planning Design / Plan Support Support System Support Develop School Selection (Actions. Implementation Process Announcement Resources, Transform Principal Requirements to Schools via Principal School 2-Hr Schedule, Management, 2-Hr Schedule, mplementation Central Cent. Adm Involvement in nvolvement in Management/ Effectiveness Min. Pull-Outs. Min. Pull-Outs, Methodology Planning molementation. Administrator Grade Level Grade Level ScIDEAS Criteria) ScIDEAS into a Scalable Action Plan(s) Planning / Advocacy Planning / Committee, Committee, Model for Initial Principal Fidelity Fidelity Grd Level Ldrs Grd Level Ldrs School Use Prof Dev/ Necessary Meeting Management School Management Grade Level Grade Level Support Resources (Deal Breaker Planning Time Planning Time, (Teachers for School-Site Implementation Resource Resource Principals) mplementation Follow Up Standards) Continuing Support. Continuing Support, Meetings on Support/ Media Cord. Support/ Media Cord. Effectiveness School wide Request Training Support, Training Classroom Support. Criteria Approval for Unit Prof. Dev. Plan, for Unit Prof. Dev. Plan Instruction/ (2 Years) Planning and School wide Vote Testing Plan Planning and Testing Plan Ideas Teaching to Participate nplementation Teaching Model Provide Teacher Summer Provide Initial Teacher Central Adm Level 2 PD (5 oubleshooting oubleshooting Summer Level : Support Sign Off Support Days) PD (10 Davs)

Elements of Science IDEAS Scale Up Model (Grade 3-5: Start-Up for Initial Schools- Years 1 and 2 [Year 3 Repeats Year 2])

Focus

Michael Vitale- April, 2005, Version 007 NSF/IERI Science IDEAS Project (REC0228353)