## Flying In Style: Differentiated STEM Activities



## Synopsis

Flying in Style, using the science theme of flight, brings together learning theory \& instructional strategies that can be adapted to any subject matter. The theme engages and encourages active learning. Students solve problems, apply what they learn, interact with other students, engage in tactile and kinesthetic activities, ask questions, and reflect on the process. Flying in Style offers brain compatible strategies that are divided into sections: Climate Control, Getting Ready for Take Off, and Fasten Your Seat Belt present techniques for creating the best learning environment. Cleared for Take-off helps students become actively engaged in the critical and creative thinking process. Flying First Class suggests a variety of learning activities in the form of a Contract Activity Package. Students are offered a choice of activities using Bloom s Taxonomy, Multiple Intelligences, learning styles, and flexible grouping. Assessment strategies and tactile learning tools, student contracts, research projects, tiered learning, tic-tac-toe, and Thinker Key activities are included. Blooming High and MI includes a variety of subjects for students to research. Each topic can easily be formatted for independent contract work. Group Aerodynamics demonstrates a variety of ways to group students using the content of the topic. Dead Reckoning Math integrates the content concepts and factual information about flight with math to create interest and to aid standard math problem-solving.

## Book Information

Perfect Paperback: 184 pages
Publisher: Pieces of Learning (August 1, 2011)
Language: English
ISBN-10: 1937113027
ISBN-13: 978-1937113025
Product Dimensions: $10.9 \times 8.4 \times 0.5$ inches
Shipping Weight: 15.2 ounces (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: \#973,400 in Books (See Top 100 in Books) \#165 inÂ Books > Education \& Teaching > Schools \& Teaching > Curriculum \& Lesson Plans > STEM Education Download to continue reading...

Flying In Style: Differentiated STEM Activities 50 More Stem Labs - Science Experiments for Kids (50 Stem Labs) (Volume 2) Flying Rubberneckers: High Flying Fun for the Airport and Plane How To Overcome Fear of Flying: The Cure For Fear of Airplane Flights: Conquer Your Fear Flying! 25 Quick Formative Assessments for a Differentiated Classroom: Easy, Low-Prep Assessments That

Help You Pinpoint Students' Needs and Reach All Learners The Inclusive Classroom: Strategies for Effective Differentiated Instruction, 4th Edition Integrating Differentiated Instruction \& Understanding by Design: Connecting Content and Kids Good Science: The Ethical Choreography of Stem Cell Research (Inside Technology) Google Glass and Robotics Innovator Sebastian Thrun (Stem Trailblazer Bios) SpaceX and Tesla Motors Engineer Elon Musk (STEM Trailblazer Bios) GoPro Inventor Nick Woodman (STEM Trailblazer Bios) STEM, Grade 5 (Applying the Standards) Stem Play: Integrating Inquiry Into Learning Centers STEM, Grade 1 (Applying the Standards) From STEM to STEAM: Using Brain-Compatible Strategies to Integrate the Arts Successful STEM Mentoring Initiatives for Underrepresented Students: A Research-Based Guide for Faculty and Administrators The STEM Coaching Handbook: Working with Teachers to Improve Instruction STEM Lesson Essentials, Grades 3-8: Integrating Science, Technology, Engineering, and Mathematics Autologous Stem Cell Transplants: A Handbook for Patients The New H-1B/STEM Provisions: How the US Senate Continues to Undermine American Competitiveness Dmca

