

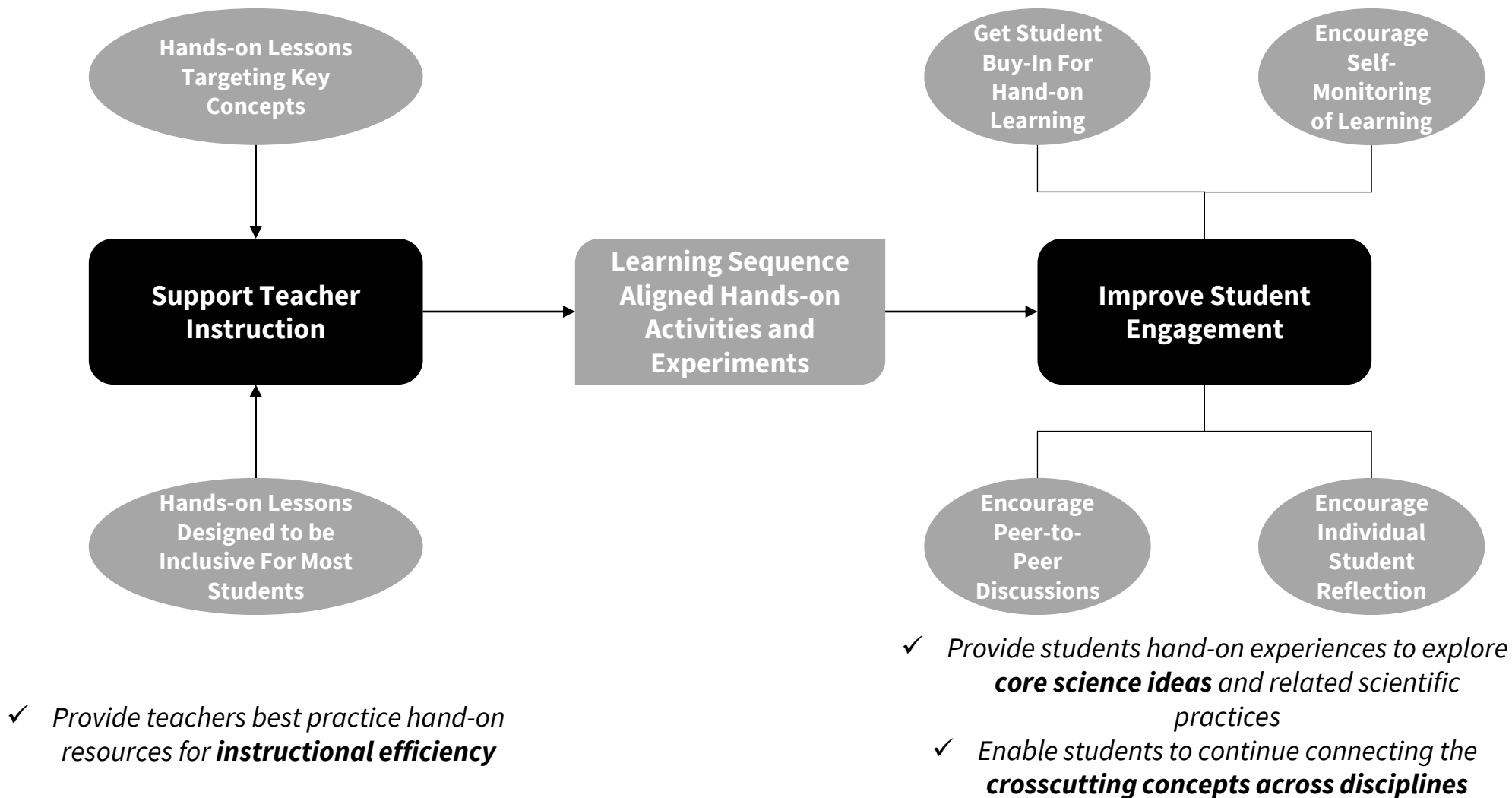


Teacher Introduction

Grade 8: Science Experiential Learning Partnership

August, 2021

Our Goals for the Science Classroom



Our Instructional Design Guidelines

**Hands-on Investigations
and Discoveries**

Let students follow
lesson instructions and
discover the core science
concepts

Let students reflect and
synthesize the results
individually and in
groups

**Using Science Notebooks to
Practice Scientific
Processes and Language**

Let students plan
lessons and the use of
appropriate graphic
organizers

Let students make
conclusions and
brainstorm open-ended
applications in the real-
world

**21st Century Skills
Development Monitoring
and Feedback**

Let teachers observe
and record skills
development during the
lessons

Let teachers provide
feedback multiple times
during the year about
skills development