

Solving Systems Unit Plan

Introduction

Check up 1

Refresh the definition of systems and different ways to describe the solution. Summarize the methods used to solve systems. Show a couple youtube videos illustrating the applications of systems. Students will take a check up to determine their expertise in solving using the various methods. The results will be used to form jigsaw groups the following day.

Jigsaw Experts

Jigsaw teaching

Students will be assigned a jigsaw group and as a group they will all become experts on the topic. In the second half of class students will break into their working groups and teach members of their working group their specific topic. Answer keys will be provided for both group activities.

Check up 2

Remediation

A portion of the next class may be needed to finish group jigsaw teaching. Upon finishing each student will individual take a check up on all the topics taught in the jigsaw. Results will be used to differentiate remediation. Students will remediate the necessary skills, either individually or in small groups.

Check up 3

Open work time

A portion of the next class may be needed to finish group jigsaw teaching. Upon finishing each student will individual take a check up on all the topics taught in the jigsaw. Results will be used to differentiate remediation. Students will remediate the necessary skills, either individually or in small groups. Once students achieve mastery they will have open work time.

Assessment

Open work time

Students will take an assessment on solving systems. The assessment will serve as a check-up and the next day students will have open work time, with one option being remediation and reassessment.