

LESSON PLANS: ALBERTA

Grade 1: Number

 45 MINS

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 Mathletics

General Outcome:

- Develop number sense.

Specific Outcomes:

- Demonstrate an understanding of addition of numbers with answers to 20 and their corresponding subtraction facts, concretely, pictorially and symbolically.
- Describe and use mental mathematics strategies.

Introduction to Lesson

 10 MINS

Teacher Background:

Play video from "Lady Bug Crawl," located in

[Mathletics Teacher Console > eBooks.](#)

This will initiate the thought process based on a visual for computational learning. Pause during the questions asked in the video.

Ask students for further extension:

- Why was it more useful to move 2 lady bugs than just 1?
- Why was the total of 14 the same in both of your number sentences?
- Could you have predicted that? How would the number sentences have been alike and different if 6 lady bugs had crawled from the right to the left?



ITEMS NEEDED

- ✓ Interactive whiteboard
- ✓ Mathletics teacher login
- ✓ Mathletics student logins
- ✓ Teacher notes from "Lady Bug Crawl"
- ✓ Student handout: Lady Bug Crawl



ASSESSMENTS

- ✓ Observation
- ✓ Participation
- ✓ Reviewing completed Lady Bug Crawl student worksheet.



ACCOMMODATIONS/ MODIFICATIONS

- ✓ Concept search "number line for addition."
- ✓ Students who are having difficulty could be given smaller numbers or asked to find fewer combinations.
- ✓ Manipulatives



EXTENSION OF LEARNING

- ✓ Problem Solving game
- ✓ Curriculum activities
- ✓ Live Mathletics Level 1-2

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The Lesson

 30 MINS

eBook: Lady Bug Crawl

- Hand out the student sheet and have students complete the handout. Give students enough time to brainstorm as many number sentence as possible.
- Display Lady Bug Crawl interactive on interactive whiteboard. Have the students show/share the number sentences they created.

Prompt questions:

- How many lady bugs are on each leaf at the start?
- At the end?
- How did the two numbers you started with change?
- Why couldn't both numbers increase?
- Why couldn't both decrease?

- **Reinforcement:** Have the students complete curriculum activities in the Student Console. Suggested activities; Model Addition, Adding to 5, Adding to Ten, Adding to make 5 and 10 and All about Ten, Addition Facts to 18.
- **Extra-time activity/cross-curriculum activity:** Have the students create their own problem using construction paper with bugs or animals as the visual. How many number sentences can they create.



After the lesson

 5 MINS

- Have the students journal or share what was learned during this session.
- Ask them to be specific with their examples.
- Students can show/share some of the number sentences they created.
- Discuss what they found to be hard/easy about creating number sentences.



For more information contact our friendly team...
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