

Shark Swimathon

Grade 2

5 skill lessons · 3 math-through-reading

Skill lessons

5 lessons on the mathematics the book carries. Each lesson has printable workbook pages and a separate teacher key.

1. Take the Day's Laps Off the Sign

Fluency · Subtracting a two-digit number from a two-digit number, trading a ten when the ones will not give

2. Keep the Goal Board for Four Days

Application · Running a four-stage subtraction to track how many are left toward a goal

3. Show the Laps Left in Tens and Ones

Representation · Representing two-digit numbers as tens and ones and trading one ten for ten ones

4. Laps Swum and Laps to Go Make Seventy-Five

Concept · Finding a missing part when the whole and one part are known, within 100

5. Five Sharks, Five Laps: Does the Plan Reach Zero?

Reasoning · Totalling five equal groups within 25 and judging whether the total meets a goal

Math through the reading

The mathematics is reached through a sentence the book prints: change one word in the reading and the numbers change with it. These carry their own standards, matched against these lessons rather than inherited from the skill ones.

6. The Word That Moves the Number

Integrated · Students total one day of the swimathon twice, once as the book's sentence says it and once with a single word swapped, and show that the two totals leave two different numbers on Coach Blue's sign.

7. Put the Sign Back in Order

Integrated · Students receive the week's swims and sign numbers as cards with the day names stripped off, and restore the order by working out which swim turns which number into which.

8. The Number Coach Blue Never Says

Integrated · Students find the Wednesday total the book withholds, using the two sentences that fix it, and must hand in the number and the line that funds it together.

Reading and language lessons

5 lessons on the reading and language the book carries - what a word means in its sentence, how a character is shown, how a text is built. No mathematics: these are matched against the English language arts curricula, which are a different and smaller set than the mathematics ones.

9. Goggles off, goggles on: reading Tiny's change of heart

Reasoning · Reading how a character's feeling changes, using what the character does

10. In record time or struggled: how the book grades effort and volume

Concept · Distinguishing shades of meaning among closely related verbs and manner phrases

11. Wednesday, Thursday, Friday: retelling the week the book prints

Application · Retelling events in order using the text's own time words

12. One bike, one month, one new plan: following the chain after Gil's fall

Reasoning · Tracing a cause to its effects across two places in a story, and joining them with because

13. Do it for the tacos: cheering with a reason the listener already wants

Application · Speaking to encourage someone, giving a reason the audience already cares about