

A Jesse Steam Mystery

The Vexing

Hectare Detector

Written & Illustrated by Ken Bowser



Solving Mysteries Through
Science, Technology, Engineering, Art & Math



Egremont, Massachusetts

The Jesse Steam Mysteries are produced and published by: Red Chair Press LLC PO Box 333 South Egremont, MA 01258-0333 www.redchairpress.com



FREE Educator Guide at www.redchairpress.com/free-resources

For My Grandson, Liam



Publisher's Cataloging-In-Publication Data Names: Bowser, Ken, author, illustrator.

Title: The vexing hectare detector / written & illustrated by Ken Bowser.

Other Titles: Hectare detector

Description: South Egremont, MA: Red Chair Press, [2021] | Series: A Jesse Steam mystery | "Solving Mysteries Through Science, Technology, Engineering, Art & Math." | Includes a word list and hands-on Makerspace activity. | Interest age level: 008-011. | Summary: "It's Spring Break at Deanville Elementary School and the gang are presented with a mysterious new riddle that will challenge their mathematics skills and senses. What is the perplexing, suspended ring that oscillates?"-- Provided by publisher.

Identifiers: ISBN 9781643710242 (library hardcover) | ISBN 9781643710259 (paperback) | ISBN 9781684526741 (ebook)

Subjects: LCSH: Swings--Juvenile fiction. | Measurement--Juvenile fiction. | Pythagorean theorem--Juvenile fiction. | CYAC: Swings--Fiction. | Measurement--Fiction. | Pythagorean theorem--Fiction. | LCGFT: Detective and mystery fiction.

Classification: LCC PZ7.B697 Ve 2021 (print) | LCC PZ7.B697 (ebook) | DDC [Fic]--dc23

LC record available at https://lccn.loc.gov/2020934641

Copyright © 2021 Red Chair Press LLC RED CHAIR PRESS, the RED CHAIR and associated logos are registered trademarks of Red Chair Press LLC.

All rights reserved. No part of this book may be reproduced, stored in an information or retrieval system, or transmitted in any form by any means, electronic, mechanical including photocopying, recording, or otherwise without the prior written permission from the Publisher. For permissions, contact info@redchairpress.com

The publisher is not responsible for websites (or their content) that are not owned by the publisher.

Printed in the United States of America

0920 1P CGS21

Table of Contents

	\\\=_\\=_\
Cast of Characters	
Meet Jesse, Mr. Stubbs & The Gang	4
Town Map Find Your Way Around Deanville	6
Chapter 1 One Giant Leap for Cat-kind	8
Chapter 2 Pythago Who?	16
Chapter 3 Voila! The Riddle of The Rock	22
Chapter 4 Hey Diddle, Diddle. Miss Byrd Has a Riddle	28
Chapter 5 Time to Define	34
Chapter 6 Mapmaker, Make Me a Map	42
Chapter 7 A Map to Nowhere	48
Chapter 8 One Giant Leap for Frog-kind	56
Jesse's Word List	62
Makerspace Activity: Try It Out!	64



Cast of Characters

Jesse Steam

Amateur sleuth and all-around neat kid. Jesse loves riding her bike, solving mysteries, and most of all, Mr. Stubbs. Jesse is never without her messenger bag and the cool stuff it holds.



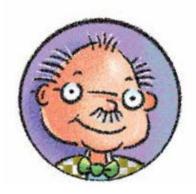
Mr. Stubbs

A cat with an attitude, he's the coolest tabby cat in Deanville. Stubbs was a stray cat who strayed right into Jesse's heart. Can you figure out how he got his name?



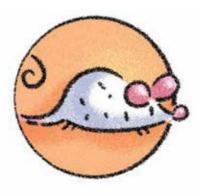
Professor Peach

A retired university professor. Professor Peach knows tons of cool stuff and is somewhat of a legend in Deanville. He has college degrees in Science, Technology, Engineering, Art, and Math.



Emmett

Professor Peach's ever-present pet, white lab rat. He loves cheese balls, and wherever you find The Professor, you're sure to find Emmett even though he might be difficult to spot!



Clark & Lewis

Jesse's next-door neighbor and sometimes formidable adversary, Clark Johnson, and his slippery, slimy, gross-looking pet frog, Lewis. Yuck.



You've Just Finished your Free Sample

Enjoyed the preview?

Buy: http://www.ebooks2go.com