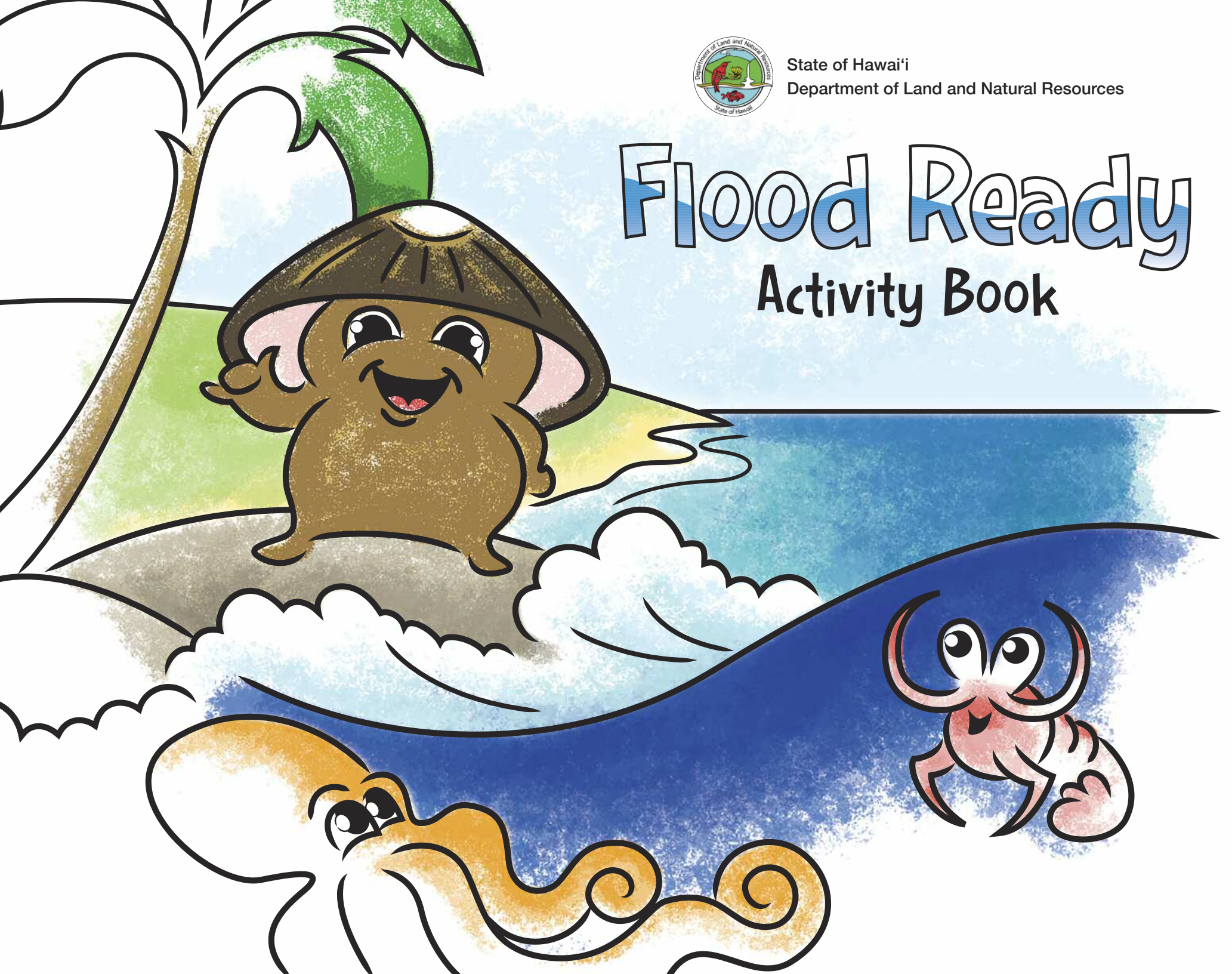




State of Hawai'i
Department of Land and Natural Resources

Flood Ready

Activity Book



Aloha Kids!

Sticky, the opihi has created this fun activity book to help you be ready for when it floods. Flooding is ...THE MOST COMMON DISASTER IN THE WHOLE COUNTRY and can happen near the ocean and the streams here in Hawaii. This might sound scary but if we listen to Sticky we can be ready and help others!

Sticky wants you and your family to learn all about flooding by doing some fun activities like, coloring, drawing, word searches and mazes.

Always remember to talk with your parents and teachers so you can be ready for when it floods. Have fun with this activity book, but most of all, share what you learned.

Mahalo!

Your friends at the State of Hawaii,
Department of Land and Natural Resources

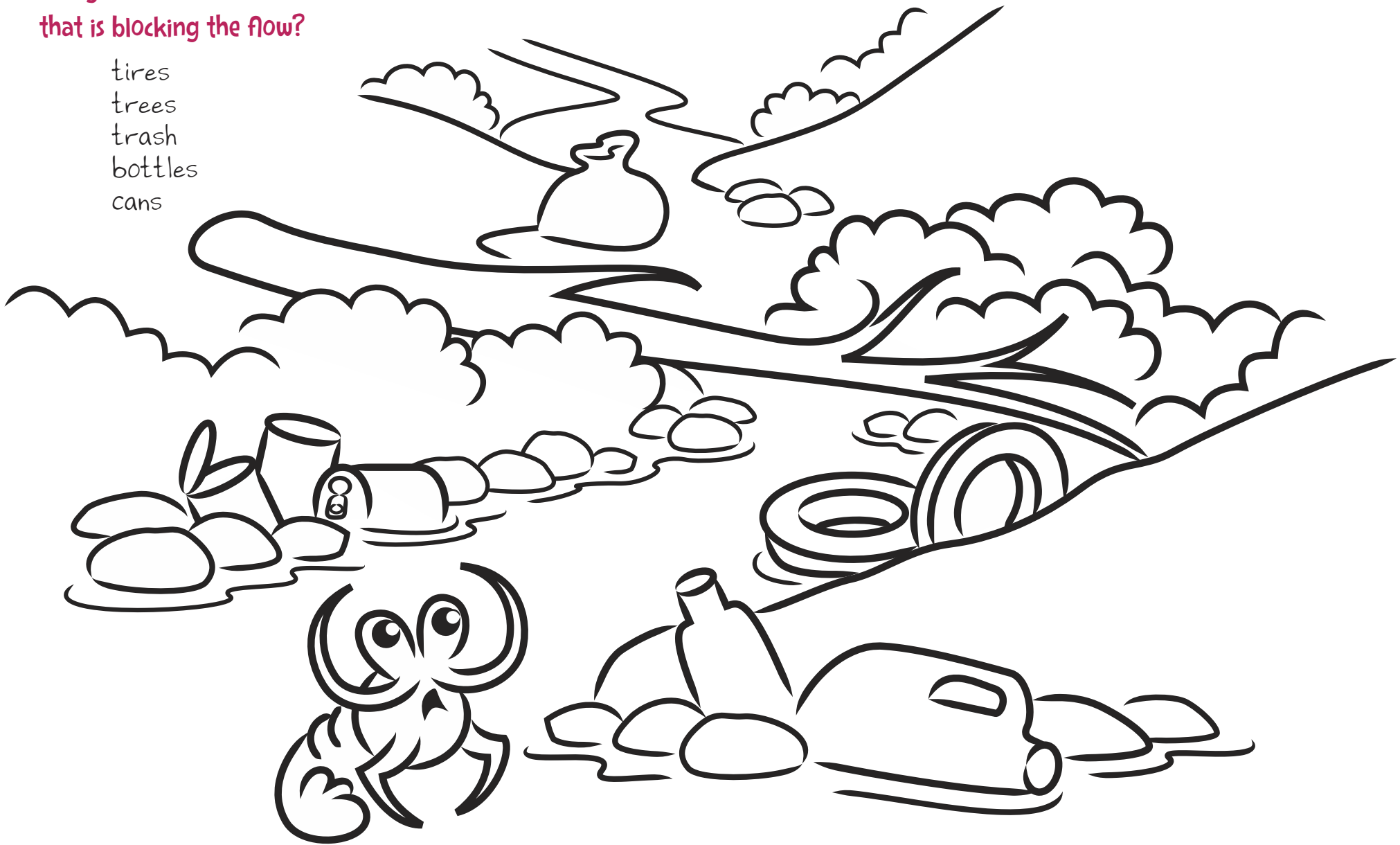




Sticky the Opihi My name is Sticky, my friends and I are looking for a new house.

Can you find the trash in the stream
that is blocking the flow?

tires
trees
trash
bottles
cans



Color & Search My friend Prawny lives in the streams of Hawaii. He knows that even small streams can get clogged up. Color the stream and put an "X" on things in the picture that will make the stream overflow.



Too Much Water Sometimes it can rain really hard or there is really big surf and there's so much water that everything floods! It is safer to live in a house that's elevated.

Can you color the flood zones on the map with the correct color that is listed below?

Zone VE (close to the Ocean) - Red

Zone AE (Close to the river) - Blue

Zone X (Away from rivers and ocean) - Light Green

Zone D - (Not Studied Yet) - Dark Green

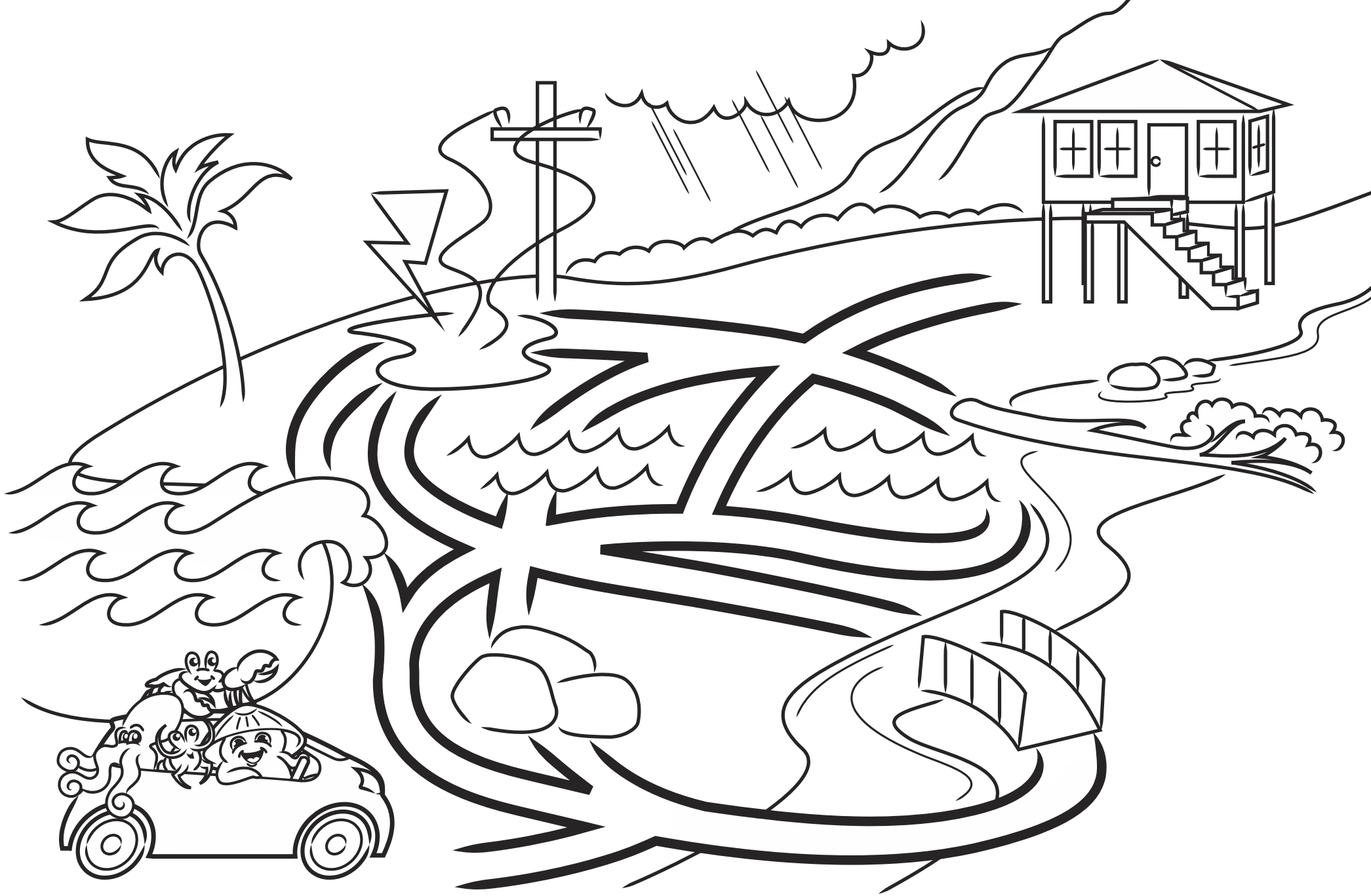


Check the Flood Map Sticky and his friends decided to look at the flood map so they can know where to find the best spot for their new home.

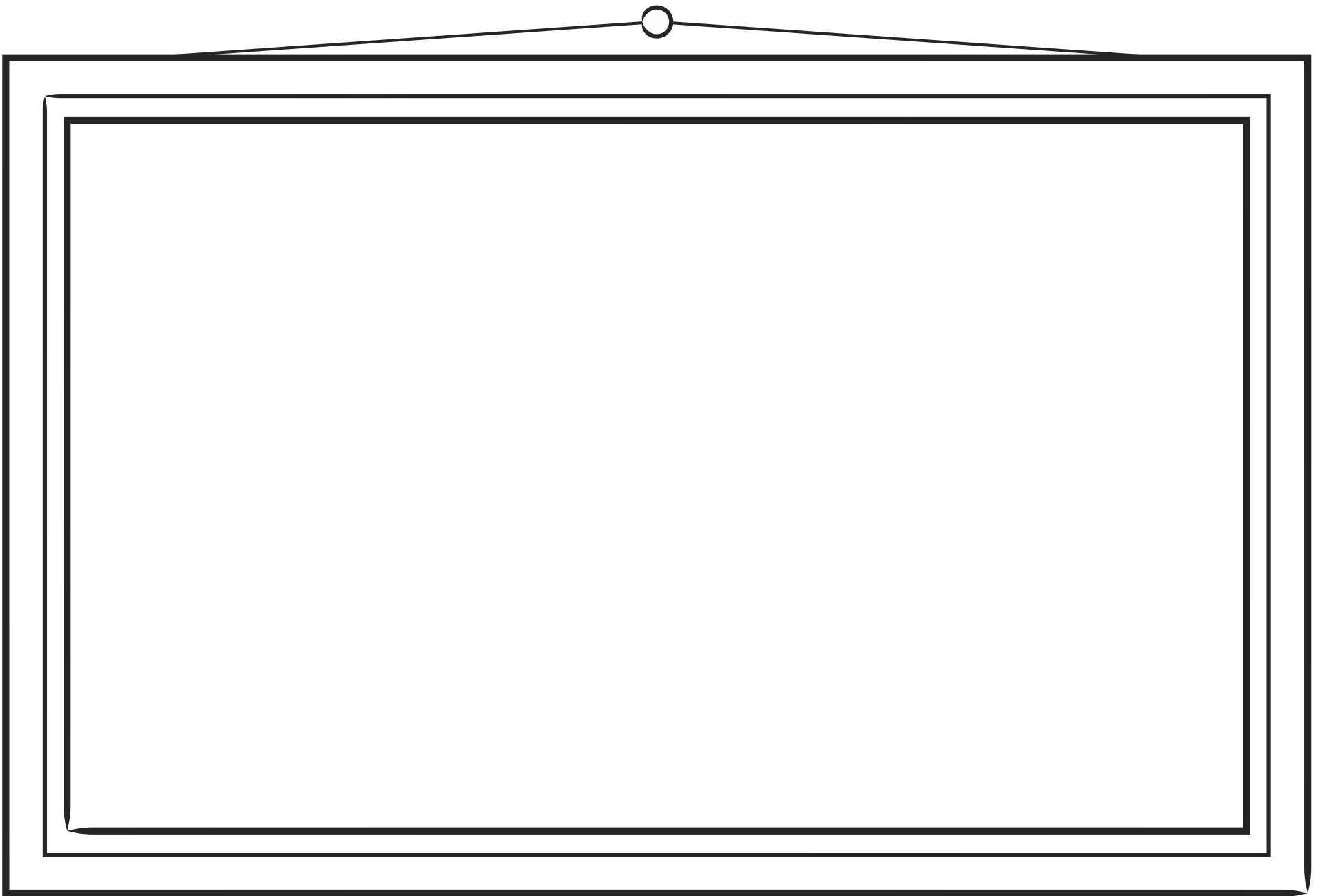


Color the House that Sticky Should Pick Hint: Elevated homes are less likely to flood.

Grown-up FloodFact: Houses in flood prone areas should be constructed to avoid damage. Elevated homes can reduce flood insurance costs.



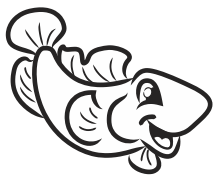
It's Beginning to Flood Complete the Maze to help Sticky and his friends get home.



Family Drawing Draw a picture of you and your 'ohana.

How many people live in your house? ____ How many pets live in your house? ____

Tsunami
 Floodplain
 Watershed
 River
 Hurricane
 Elevation
 Ocean
 Flood
 Goby
 Ama
 Sticky
 Ōpihi
 Fish
 Crab
 Stream
 Elevate
 Emergency
 Safety
 Dam
 Water
 Hazard
 Creek



R E T A W T G U C X W E O E U D G R Y L
 Z D A V L F I S H V A R T Q R S J P C M
 C E K C O K O L E N G I B A D W I D G R
 R Q O X M B U T C X S D Z C K T W E U C
 A F R L U D F S R N I A L P D O O L F I
 I H I P O Z S U I A H T G R G A D Q J N
 F P E O C E A N B E U U F Y O W M B L O
 W E L Y K I F A T U O P N K B X R A B I
 U F V O B J E M E R G E N C Y R D Y O T
 R W I B D K T I E M C R L I U E W T K A
 I B A S G I Y N T E H I C T H C A D W V
 V I X R H K A M A D O P G S F A Y B G E
 E J N S R C V Z V U A U R O T K A C Y L
 R S C K I J D G E U E E K T B R G X N E
 S M U R A K I V L R T O L I C M E L K O
 O L R U E G S O E A Y R A H D A H A J R
 T U G U Y E X C W F K B R P O R B S M T
 H B A W A F K G U T A O E B L K M A R A



Word Search Can you find all the words hidden in the letters above?

Hint: They go side to side, backward, up and down, and some even go corner to corner!

A Note to Grown-ups

This is a fun activity book to help your children understand some of the basic actions that they can take to help reduce the risk of flooding.

Floods are the most common and

widespread of all natural disasters. Please review the information below on the National Flood Insurance Program and visit our website at floods.hawaii.gov. Thank you!

NATIONAL FLOOD INSURANCE PROGRAM

The National Flood Insurance Program (NFIP) is a Federal program, which was established to allow property owners in participating communities to purchase insurance protections against losses from flooding. Participation in the NFIP is based on an agreement between local communities and the Federal Government that states if a community will adopt and enforce a floodplain management ordinance, the Federal Government will make flood insurance available at a low cost.

The NFIP is administered by the Federal Insurance and Mitigation Administration (FIMA) and the Mitigation Directorate, components of the Federal Emergency Management Agency (FEMA). The Department of Land and Natural

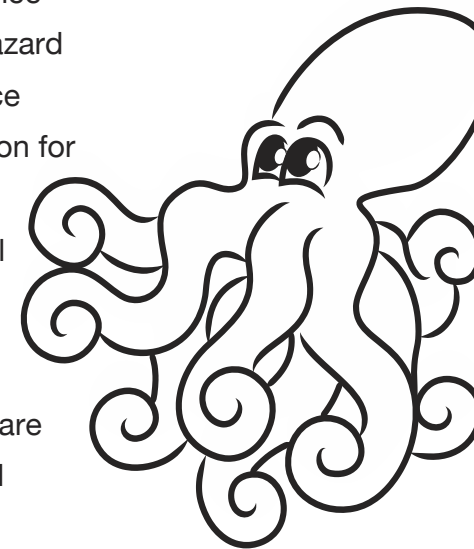
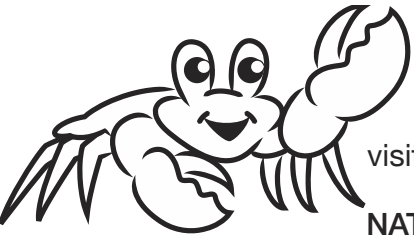
Resources (DLNR) has been designated as the State Coordinating Agency responsible for assisting the coordination of the program. All four of Hawaii's Counties are participating

Communities in the NFIP and each Community has a County Floodplain Manager that should be consulted for building permit related questions.

Please see our contacts tab on our website floods.hawaii.gov or waihalana.hawaii.gov for your county floodplain managers contact information.

In order for FIMA to determine the insurance premium rates, FEMA developed flood hazard rating maps called FIRMs (Flood Insurance Rate Maps). The supporting documentation for the FIRMs are published in the FIS (Flood Insurance Study). Development in Special Flood Hazard Areas, as identified on the FIRMs, are regulated by the NFIP.

The minimum NFIP rules and regulations are set forth in Title 44 of the Code of Federal Regulations. Each Community must also establish local flood hazard ordinances, which may be more stringent than the NFIP regulations.





RiskMAP
Increasing Resilience Together