

Future-FUN



KIDS



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*Build a bridge
On page 1 - 2*



*Code with
Scratch on
page 4*



*Learn about our
country on page 8*

IN THE NEXT ISSUE:

Verskillende
posisies

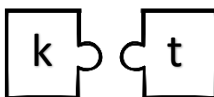


*My
familie*

Eienskappe
van metale



Woordbou



Musiek-
instrumente



*Learn how to
make popcorn
on page 11*

What you Need:

- Tape
- Rope
- Toilet rolls
- Cardboard
- Rubber bands

Robotics: Build a bridge



Cut out a strip of cardboard that is 30 cm long and 10 cm wide.



Punch holes in the cardboard, evenly spaced out.



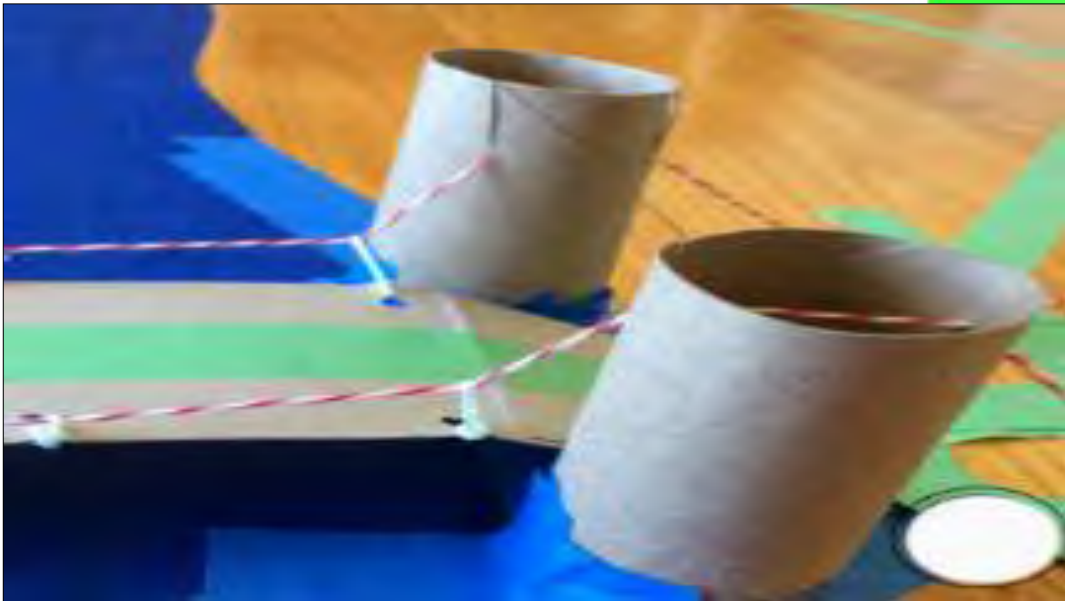
Thread rubber bands through each hole and make a loop.



Cut small 1 cm cuts into the top of each tower.



Tape towers onto the cardboard.



Thread rope through the slits in the towers and through the rubber bands. Pull the rope tight and secure it at the back of the cardboard base.

Remember to decorate your bridge. Paint a river underneath and use a toy car to test your bridge.



**club
version**

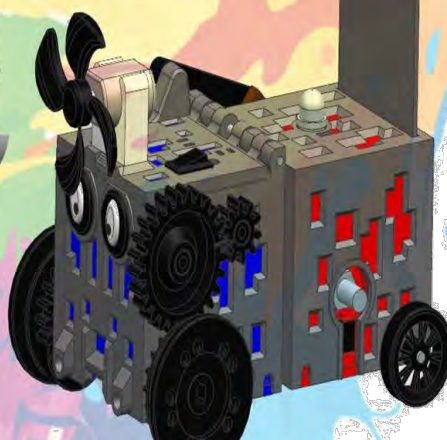
Future-FUN CAPS

CODING & ROBOTICS

Curriculum

Gr R - 7

**Level
1,
2 & 3**



**Problem Solving and
Pattern Recognition**

**Algorithms and
Coding**

Robotics Skills

This curriculum includes teacher support documents (planning), content presentations, flashcards, interactive exercises, worksheets, videos, printable study notes, formal assessment and a practical robotics kit.

Scratch

Python

Robotics Kits Per Level

Teacher online training provided

Coding

Download Scratch from this link:



<https://scratch.mit.edu/download/scratch2>



Ballerina

- Open the Scratch application.
- Click on the cat sprite. Move his position.
- Add a new sprite (ballerina).
- Add a background. (arctic)
- Let's add code to our characters:



Arctic

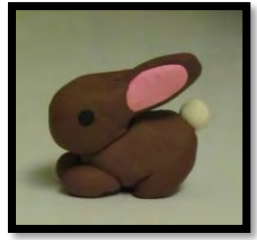
- Click on Events: Choose Start on green flag
- Click on Movement: Choose move 10 steps.
- Click on Green flag to test program.

*Try to code your
sprite to do other
movements!!*



Recipe for homemade clay.

- 1½ cups corn-starch
 - 1 cup craft glue
 - 1 tablespoon vinegar
 - 1 tablespoon baby lotion
 - 1 tablespoon baby oil.
- What you Need:**



What to do:

- Mix glue, vinegar, lotion and baby oil until a sticky mess.
- Gradually add corn-starch, until smooth, stretchy and soft.
- Spread out and knead until all corn-starch is absorbed.
- If too dry, just add a splash of baby oil.
- Colour clay using food colouring.

Decode the message

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

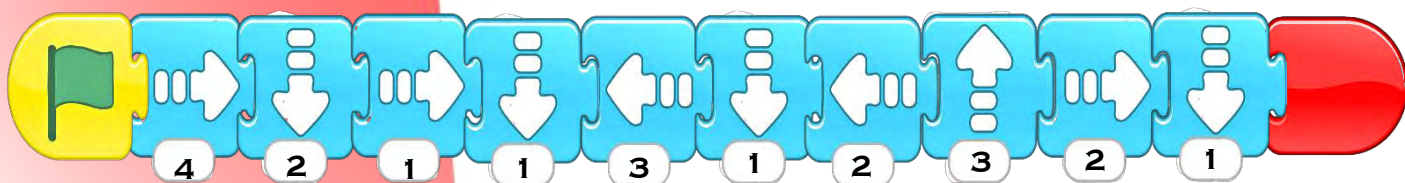
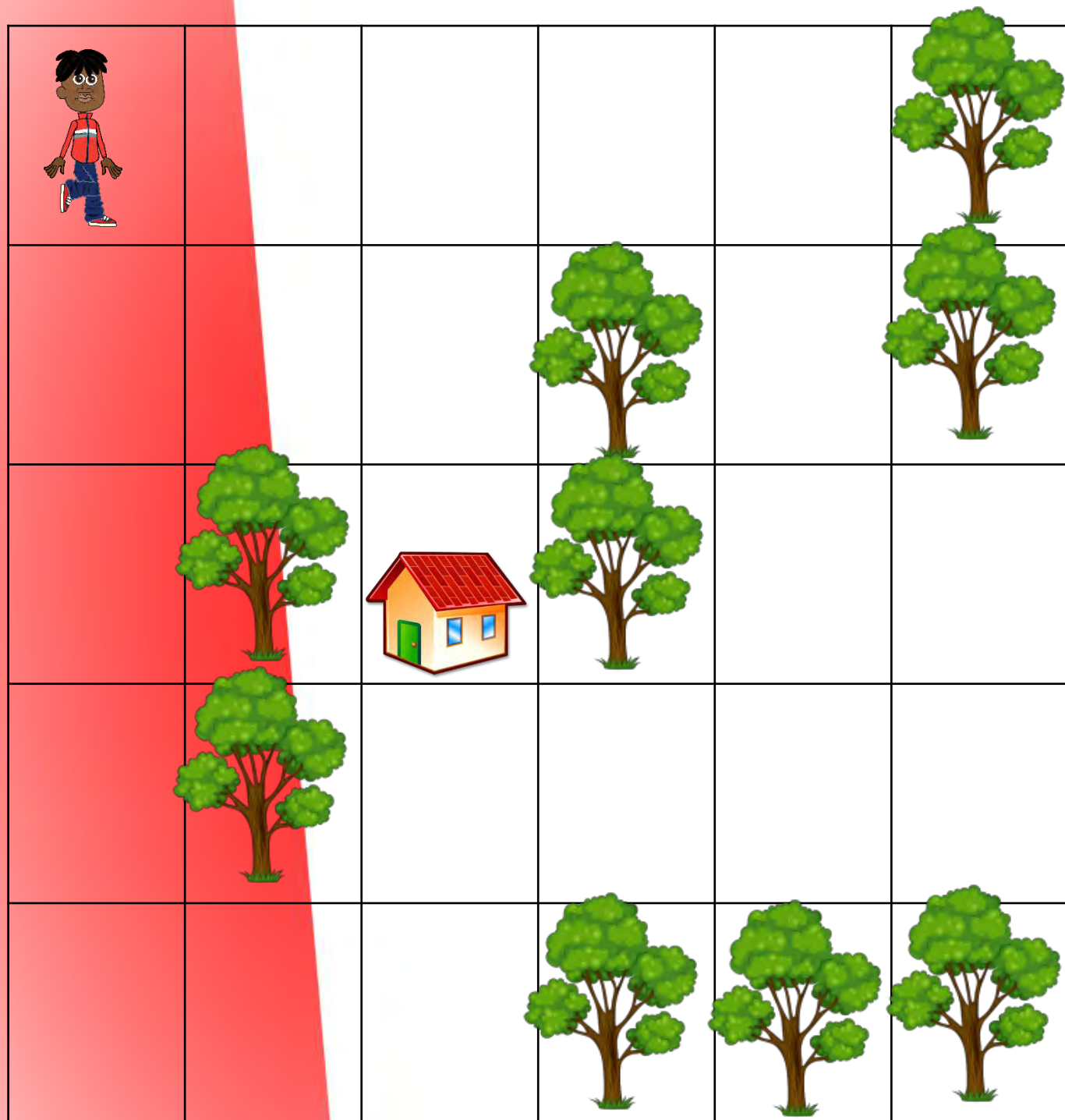
			



Show the path that Caleb must walk based on the code below.



Identify the 9 provinces of RSA



*Write the
name of
your
town /
city on
the board.*

*In which
province do
you live?*

Courses



Future



Teacher

Giving Educators a Professional Development Edge

Skillspro ICT
Modules

Mentor

Coach

End User
Computing

Ministry

Facilitator

Assessor

Early
Childhood
Development

Moderator

The Five Food Groups

Proteins

Fats and oils

Dairy

Fruit and Vegetables

Grains



Draw your favourite healthy food



What
you
need:



Salt

Oil



Popcorn
kernels



How to make popcorn

What you need to do:

- Pour the oil into the pot.
- Put the kernels into the pot.
- Put the lid on the pot.
- Put the pot on a hot stove.
- Be careful that you do not burn yourself.
- Listen to the kernels popping.
- When they stop popping, open the lid.
- Switch off the stove.
- Put the popcorn in a dish.
- Sprinkle with salt and shake.

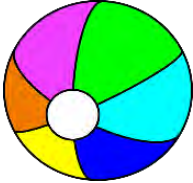
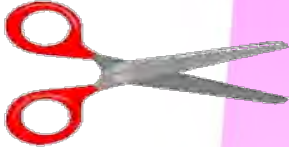
Write the name of each room
and colour the picture



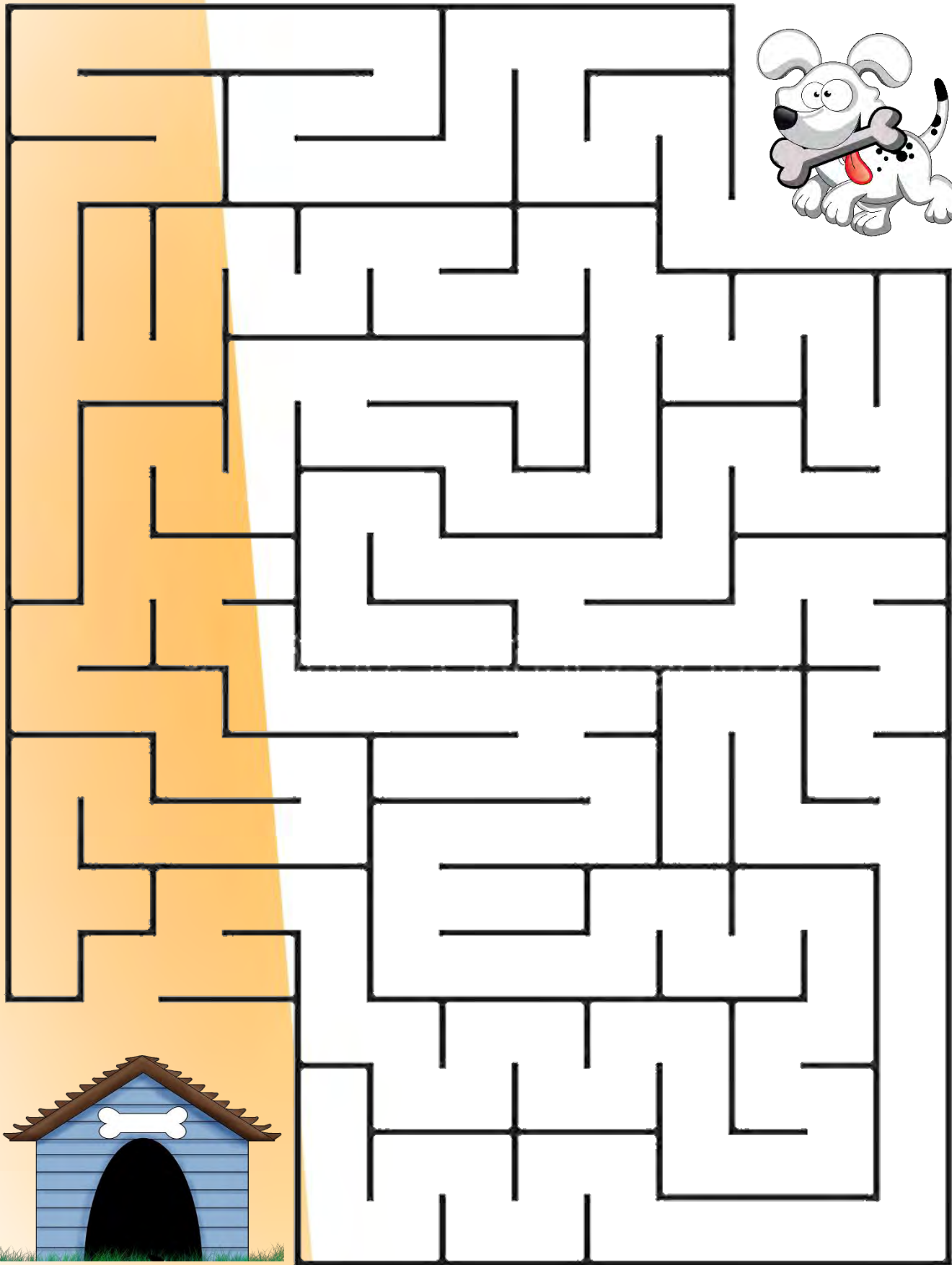
Identify the different jobs



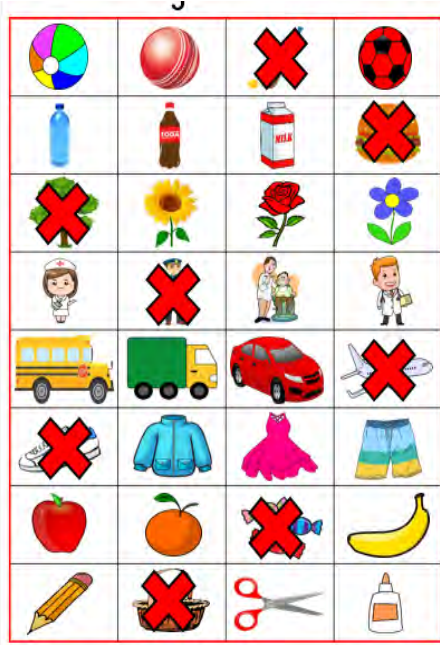
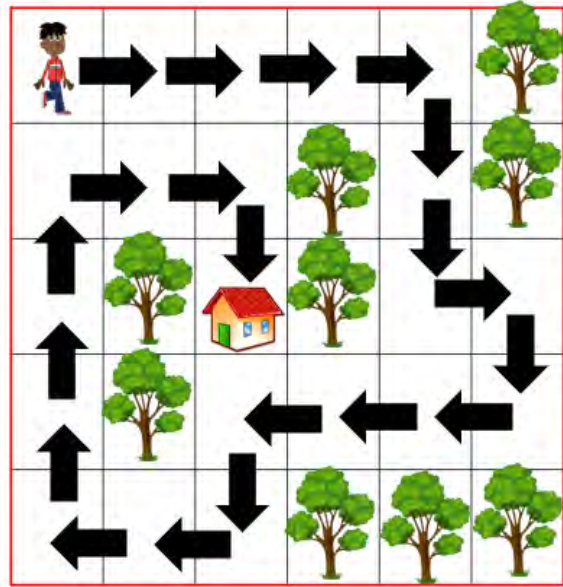
Make a cross over the object that doesn't belong.

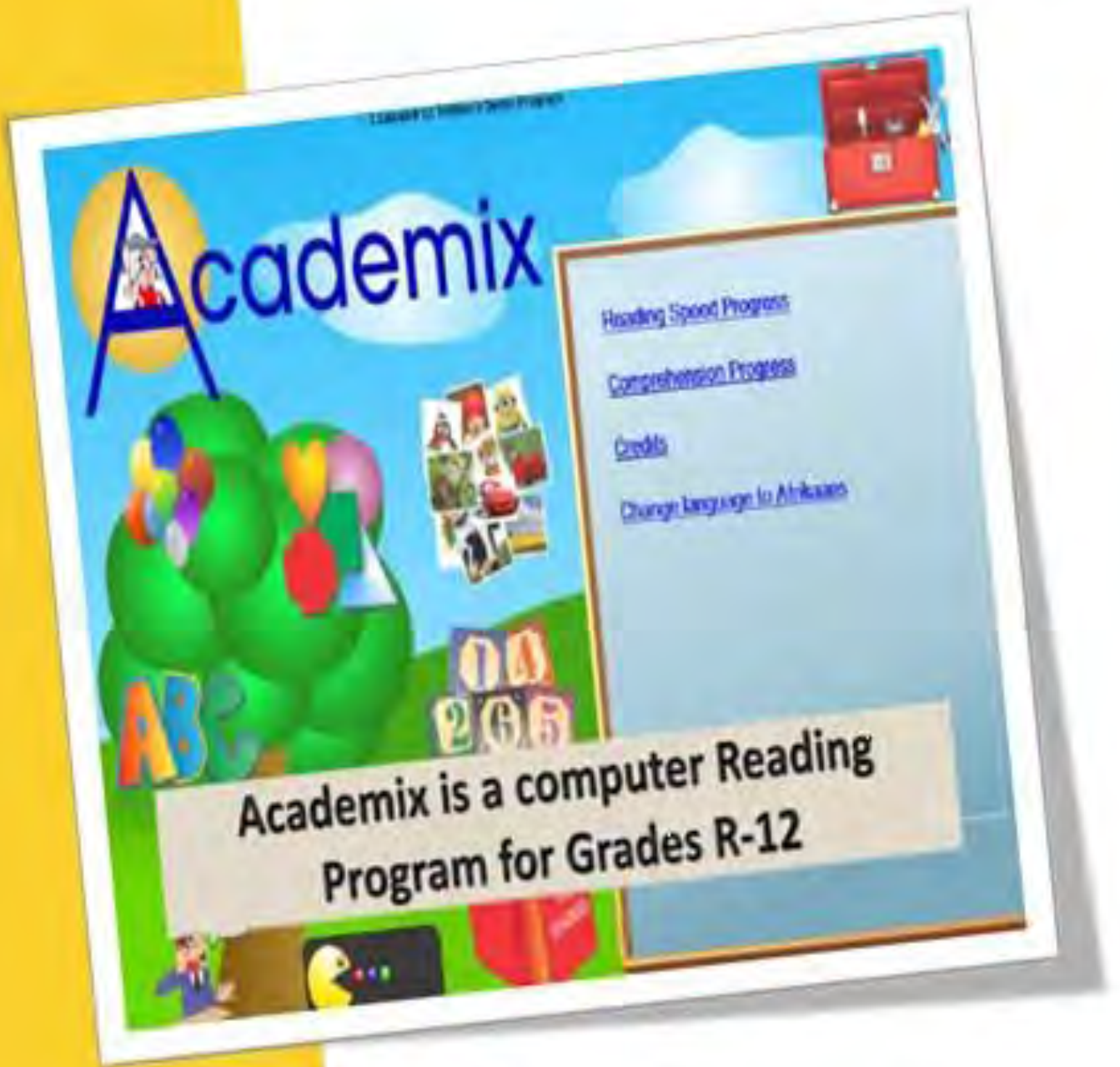
			
			
			
			
			
			
			
			

Help Spot get to his house.



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