



RuthNel
KIDS
TECH ACADEMY

AGES
4-7
★

MY FIRST **ROBOT** ADVENTURE

ACTIVITY WORKBOOK

LEARN
EXPLORE
CREATE
PLAY
ACHIEVE

RuthNel Kids
TECH ACADEMY

BIG IDEAS

KIND PEOPLE

BRIGHT FUTURES

A

B C

LETTERS &
ALPHABET FUN

2
1 3

NUMBERS
& COUNTING



SHAPES
& PATTERNS



CODING
ADVENTURES



COLOURING
& CREATIVITY



PUZZLES
& CHALLENGES



This workbook belongs to:





RuthNel
KIDS
TECH ACADEMY

AGES
4-7
★

PAGE 2

LEARN

EXPLORE

CREATE

PLAY

ACHIEVE

MEET THE RUTHNEL ROBOT ★ RUTHY ★

Hi friends!
I'm **Ruthy!** ♥

★ **I'm Ruthy!** ★
Your learning buddy at
RuthNel Kids Tech Academy!

I love to learn, explore, create and
play with you. I'll help you discover
amazing things, build new skills
and have fun along the way!

I help you to:



EXPLORE
new ideas



LEARN
new skills



PLAY
and have fun



CREATE
amazing things



ACHIEVE
your goals

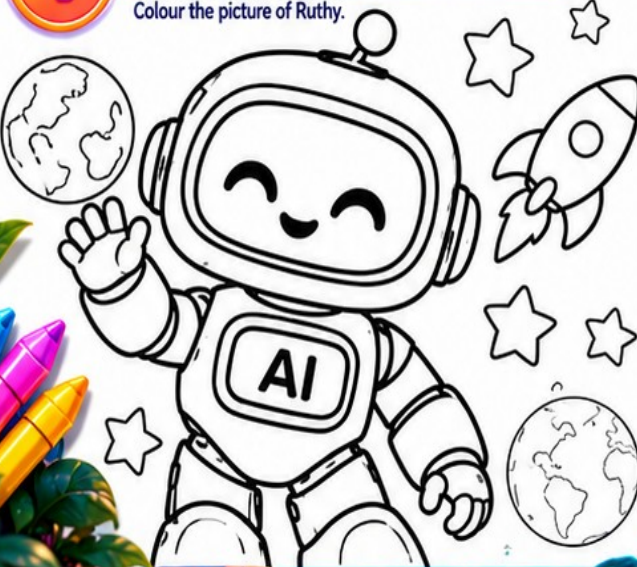


BE KIND
and help others

1

COLOUR RUTHY

Colour the picture of Ruthy.



2

NAME YOUR ROBOT

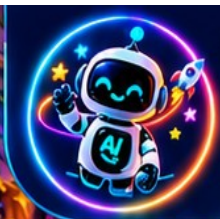
What name would you like to give Ruthy?
Write it in the box and decorate it!

★ ♥

♥

Every learner is unique...
just like you!





RuthNel
KIDS
TECH ACADEMY

MY FIRST ROBOT ADVENTURE

ALPHABET

LET'S LEARN

Aa

Aa

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Let's learn
the letter A!
Aa is for
amazing!

A is for
Amazing
Adventures!

apple

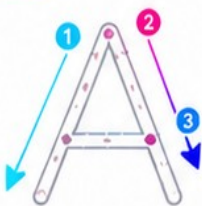
astronaut

ant

1

Trace the letter A

Follow the arrows and trace the letters.



2

Circle the pictures

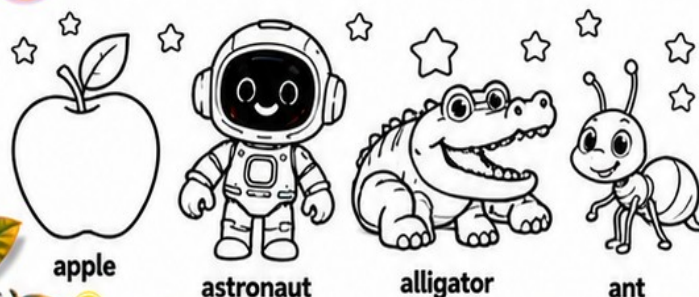
Find and circle the things that start with A.



3

Colour the A pictures

Colour the pictures that start with the letter A.



apple

astronaut

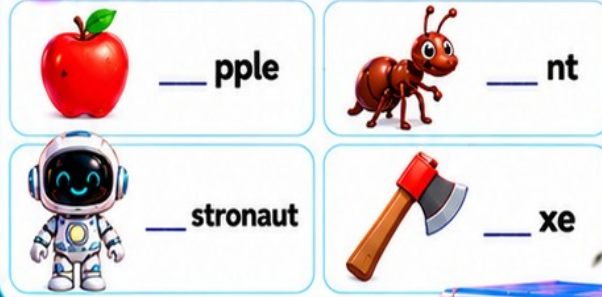
alligator

ant

4

Complete the word

Write the missing letter A or a.



___ pple

___ nt

___ stronaut

___ xe



Great Job! ★

You learned the letter A!

A is the first letter
in the alphabet.





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MY FIRST ROBOT ADVENTURE

NUMBERS

LET'S COUNT!

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Let's count
together!
Numbers are
everywhere!

Counting helps
us in everyday
life!

LEARN

EXPLORE

CREATE

PLAY

1

Count and write

Count the objects and write the correct number in the box.



3

Count and circle

Count the objects and circle the correct number.



3

4

5



5

6

7



2

3

4



4

5

6

2

Trace the numbers

Trace each number and say it out loud.

1

1 1 1 1 1



2

2 2 2 2 2



3

3 3 3 3 3



4

4 4 4 4 4



5

5 5 5 5 5



4

Fill in the missing numbers

Look at the number order and write the missing number.

1

2

4

5



3

5

6

7



6

7

9

10



Awesome Counting!
You are a number superstar!

Numbers help us
count, sort and solve
problems. You are
doing amazing!





Shapes and colours
make our world
bright and
beautiful!

SHAPES & COLOURS ADVENTURE

Shapes are
everywhere!
Let's find, colour
and learn!

LEARN

EXPLORE

CREATE

PLAY

ACHIEVE

1

Learn the shapes

Look at the shapes and say their names.



circle



triangle



square



rectangle



star



heart

2

Trace the shapes

Follow the dotted lines and trace each shape.



circle



triangle



square



rectangle



star



heart

3

Colour by shape

Colour the shapes using the correct colours.



= red



= blue



= yellow



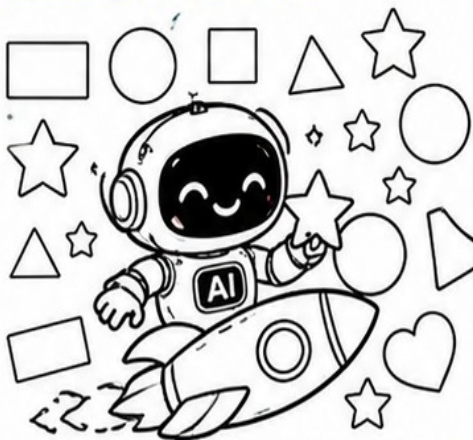
= green



= purple



= pink



4

Find and count

Count how many of each shape you can see. Write the number.



Fantastic Work! ★

You explored shapes and colours!

Shapes and colours
are all around us.
You are doing
amazing!





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★ MY FIRST ROBOT ADVENTURE ★

PATTERNS

LET'S CONTINUE!

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Let's find
and complete
patterns!

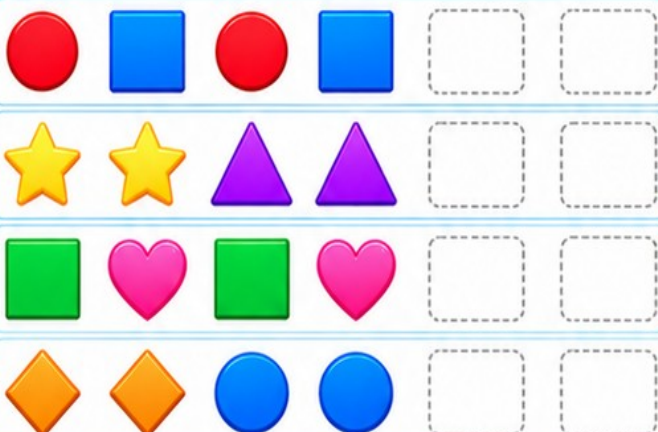
Patterns are
all around us!
Can you find,
complete and
create them?

★ LEARN
★ EXPLORE
★ CREATE
★ PLAY
★ ACHIEVE

1

Complete the patterns

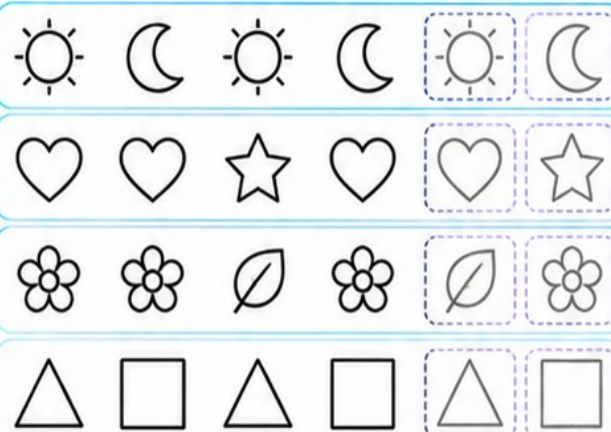
Look at the pattern and draw the next 2 shapes.



2

Continue the patterns

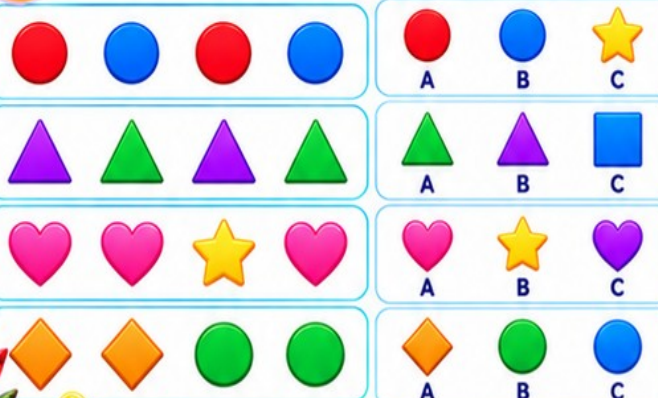
Look at the pattern and colour the next 2 pictures.



3

Find the correct pattern

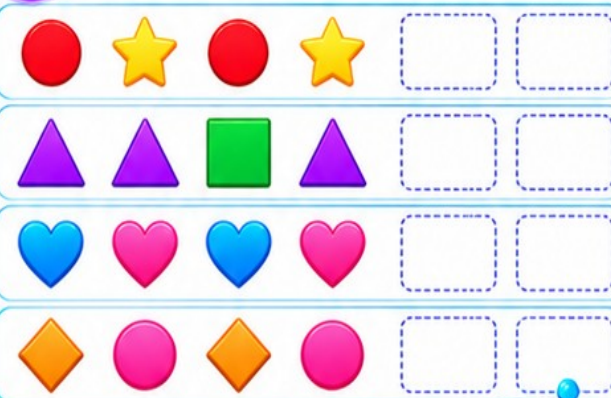
Look at the first 4 shapes. Choose the next shape.



4

Create your own pattern

Continue the pattern. You can choose the shapes and colours.



Well Done!★
You are a pattern expert!

Patterns help us
notice, predict and
solve problems.
Great thinking!



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★ MY FIRST ROBOT ADVENTURE ★

CODING ADVENTURE

HELP RUTHY MOVE!

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We give Ruthy
directions
to move! ♥

Use the arrows
to help Ruthy
reach the goal!

LEARN

EXPLORE

CREATE

PLAY

ACHIEVE

1

Learn the arrows

These arrows tell Ruthy which way to move.



Up

Move up



Down

Move down



Left

Move left



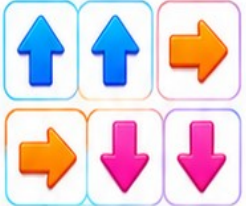
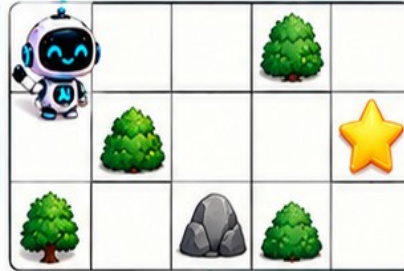
Right

Move right

2

Follow the arrows

Look at the arrows. Help Ruthy reach the star.

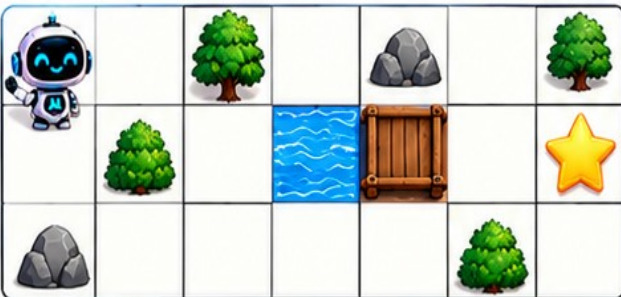


Colour the path Ruthy takes.

3

Complete the path

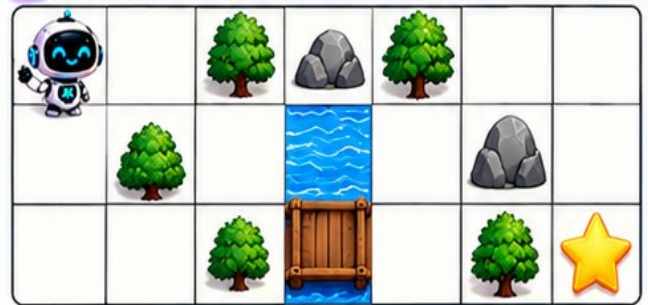
Draw the missing arrows to help Ruthy reach the star.



4

Code the route

Look at the maze. Write the arrows to help Ruthy get to the star.



Amazing Work! ★
You are a coding explorer!

You gave Ruthy the
right directions!
Great job!





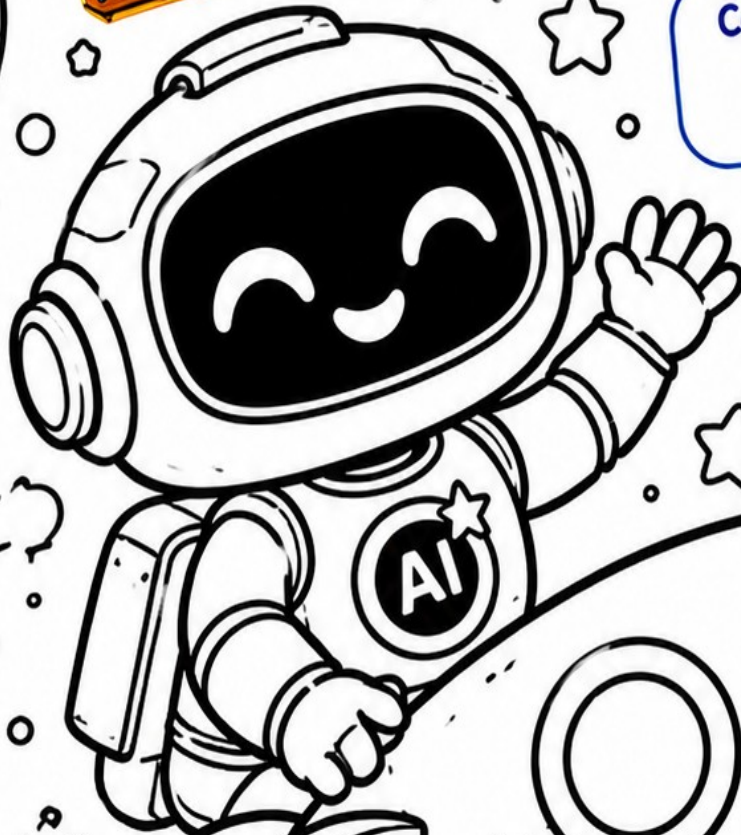
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COLOURING FUN

BLAST OFF WITH RUTHY!

Colour the picture and
make it bright and
amazing! 



Reach for the Stars!
You can do amazing things!





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TECH ACADEMY

AGES
4-7

COLOURING FUN

RUTHY AND FRIENDS!

Colour Ruthy and
all the friendly
animals! 



**Friends Make
Everything Brighter!**

Kindness makes the world better!





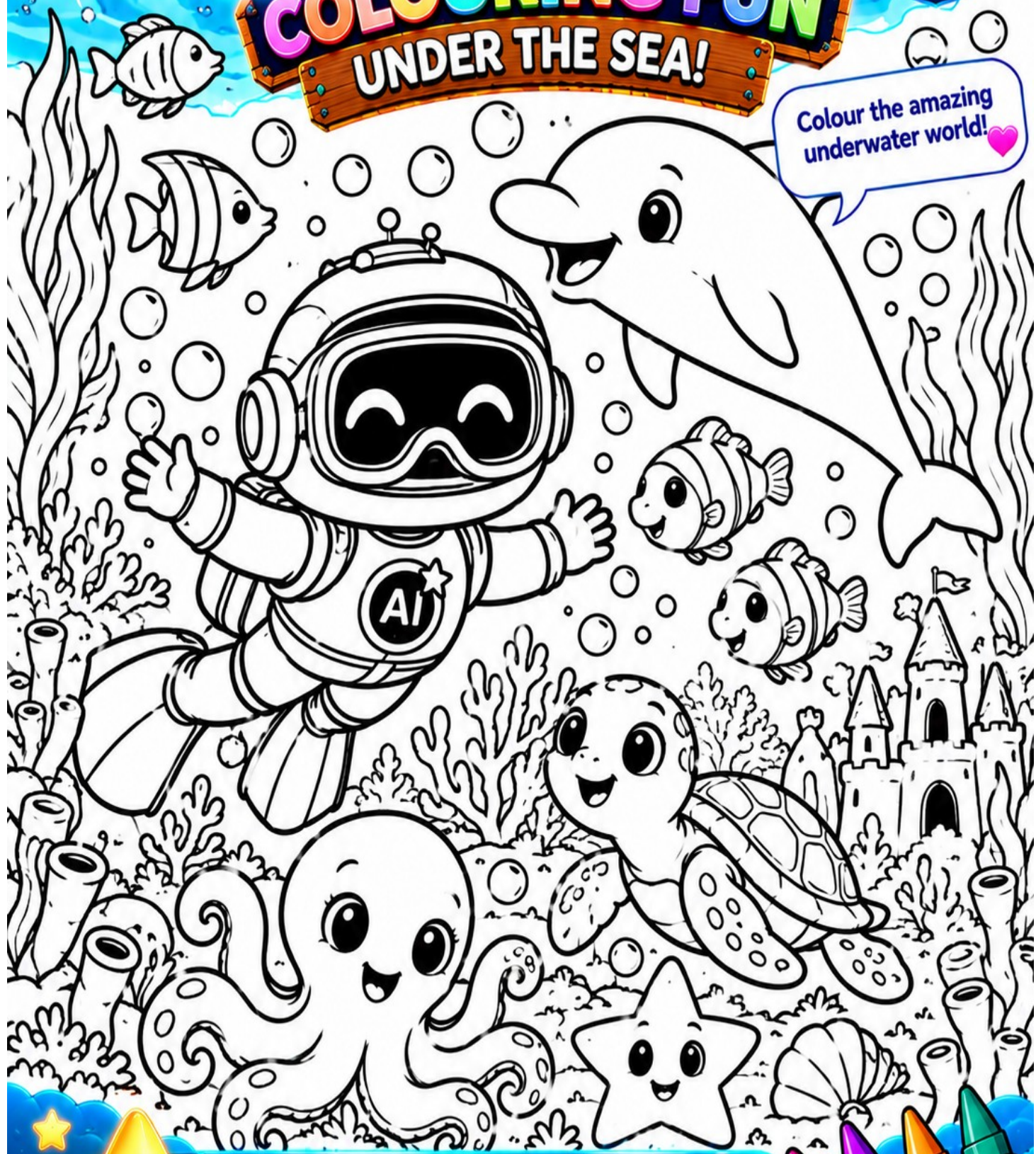
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TECH ACADEMY

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★

COLOURING FUN

UNDER THE SEA!

Colour the amazing
underwater world! ♥



★ **Explore • Discover • Imagine!** ★

There is a whole world to explore!





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TECH ACADEMY

FOLLOW RuthNelKids

Let's Learn, Grow and. A Explore Together!

Join our
amazing learning
community! ❤️

Follow us
and sign up to
experience the
full Junior Edition!



**Sign Up Today and Watch Your Child Grow
in the New World of Digital!**

WHAT YOUR CHILD WILL EXPERIENCE



AI & Future Skills

Understand AI
in a fun, safe way



Coding & Tech Skills

Step-by-step
coding for kids



Creativity & Digital Skills

Create, design
and bring ideas to life



Money & Life Skills

Learn smart habits
for the future



Learning Games & Challenges

Make learning
fun and exciting



Online Safety

Stay safe on the
internet and social
media



Interactive AI Learning Buddy

Get help and answers
anytime



Certificates, Medals & Achievements

Earn rewards and
celebrate progress



Teen Track

Extra courses for
older kids



Multiple Languages Support

English, Afrikaans,
Zulu, Xhosa, Sotho,
Tswana, French,
Spanish, Portuguese
and German

❤️ **FOLLOW**
RuthNelKids
on Social Media



TikTok



Instagram



Facebook



YouTube



LinkedIn

SIGN UP NOW
and experience the
FULL JUNIOR EDITION! ➡️



Parent-controlled
and child-safe platform



See your child's
progress and reports



Build confidence,
creativity and real skills



Designed for kids
in Africa and around
the world

Same fun workbook activities
and so much **MORE**
on the platform! ❤️