Think Do Learn Natural Sciences is a new series aimed at teaching content in English with a hands-on approach. This new methodology activates critical thinking skills and helps children understand and learn in a more stimulating way. Level 2 includes extensive audio activities and songs, a story book, and a complete digital resource pack for both student and teacher.

The course is completely modular, allowing for a variety of teaching situations.
# Natural Sciences 2

## MODULE 1: Our bodies and health

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Nutrition and reproduction

1. Listen and point to the character.

2. Listen and circle things humans do.

3. Colour the circle.

- nutrition
- interaction
- reproduction
Humans have three life processes: nutrition, interaction and reproduction.
Our digestive system and food

Our digestive system has different parts.

1. **Listen and match.**

   - esophagus
   - intestine
   - mouth
   - stomach

2. **Complete the systems crossword.**

3. **Write the organ.**
4. **Listen and number the food groups.**

5. **Stick the food groups on the pyramid. Then write.**

| fish, meat and eggs | bread, cereals and pasta | fruit and vegetables | fats, oils and sweets | milk and dairy |

6. **Listen to the story.**

Every day different food moves through our digestive system. This is part of nutrition.
Our respiratory and circulatory systems

Our bodies need oxygen to work.

1. **Listen, write and colour.**

   - lungs
   - nose
   - windpipe

   ____________

   ____________

   ____________

2. **Tick the correct picture. Then complete the sentence.**

   I breathe through my ________________________________.

3. **Do!** Breathe and touch your chest! What happens?

   ★ ★ ★
4. **Listen and write.**

| heart | blood vessels |

5. **Circle the organ in your circulatory system.**

- Stomach
- Heart
- Kidneys

6. **Listen to the song.**

7. **Complete with ‘blood vessels’ or ‘heart’. Then read.**

   The ________________ pumps the blood.

   The ________________ carry the blood to all parts of the body.

**Our respiratory and circulatory systems move oxygen through our bodies. This is part of nutrition.**
Our excretory system

1. **Listen and match.**

   - kidneys
   - bladder
   - ureters
   - urethra

2. **Write the organ.**

   - [ ]
   - [ ]
   - [ ]
   - [ ]

3. **Write T (true) or F (false).**

   - The **ureters** clean the blood.
   - The **kidneys** are long tubes.
   - The **bladder** is like a bag.
   - The **urethra** is a short tube.
Our excretory system helps us eliminate waste products. This is part of nutrition.

4. Stick in order.

5. Match and make sentences.

The kidneys ... the urethra.
Urine goes down the ureters ... clean the blood.
Finally, urine goes down ... into the bladder.

6. Write the sentences from activity 5 in order.

1. 
2. 
3. 

Our excretory system helps us eliminate waste products. This is part of nutrition.
Our reproductive system allows us to have babies.

1. Circle the correct words.

Humans are reptiles / mammals.
They are viviparous / oviparous.
They are born from eggs / live and they drink their mothers’ milk.

2. Write.

| adult | baby | elderly | child |

3. Put the stickers in the correct box.

Human life cycle

1. gestation

2. birth

3. growth

4. adulthood
4. **Look and write.**

<table>
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<tr>
<th>uterus</th>
<th>fetus</th>
<th>umbilical cord</th>
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____________________

____________________

5. **Number and complete the sentence.**

The fetus spends ____ months inside its mother’s uterus.

6. **Circle the organs from each system.**

- digestive system
- respiratory system
- circulatory system
- excretory system
- reproductive system

The fetus grows inside the uterus.
Let’s work together!

Rainbow digestion!

We need:
- body template
- plasticine
- pencils

1. Work in groups of four.

2. Label the picture.

3. Make organs out of plasticine.

4. Stick the organs in the correct place.

5. Explain your digestive system to the class.
Our working kidneys!

1. Fill the neck of the bottles with plasticine.

2. Put the straw in the plasticine hole.

3. Put 12-16 coffee filters into each bottle.

4. Attach the bottles and the funnel to the cardboard.

5. Put food colouring in water and pour into the bottles.

You need:

- 2 half litre water bottles
- coffee filters
- plasticine
- cardboard
- funnel and container
- flexible straws
- food colouring
Let’s revise!

1. Write ‘nutrition’, ‘interaction’ or ‘reproduction’.

2. Match.

   digestion

   respiration

   circulation

   reproduction

3. Complete the sentence.

   vegetables  meat  dairy  oils  cereals

   In the food pyramid there are five food groups: bread and ___________, fruit and ___________, milk and ___________, fish and ___________ and fats and ___________.
4. Complete and read the text.

We have different systems.
Humans have three life processes: nutrition, ____________ and reproduction.
Our ____________ system allows us to get nutrients from food.
Our ____________ system allows us to get oxygen from the air.
Our ____________ system sends blood from the heart to all parts of our bodies.
Our ____________ system helps us get rid of waste products.
Our ____________ system allows us to have babies.

MY PROGRESS. Colour the faces.

- I know how our digestive system works.
- I know how our respiratory system works.
- I know how our circulatory system works.
- I know how our excretory system works.
- I know how our reproductive system works.