

# HEXAGONAL PRODUCT ANALYSIS TASK

This is a sample 'Hexagonal Product Analysis'. An image of a product is placed in the centre of the hexagonal analysis sheet (it may be a good idea to give each pupil, in a group of six, a copy of the image). A class of 24 could be split into 4 groups and each given a different product to analyse. The pupils are given a chance to look at the design and to discuss it as a group. They may want to discuss the six questions in relation to the product they have been given.

After a few minutes, the pupils start to write their individual comments for each of the hexagons, on the blank slips. It is important that they have access to the internet for research purposes. Each pupil answers all the questions, filling out a blank slip for each answer. The completed slips are placed on correct question, on the Hexagonal Product Analysis Sheet.

The groups can then discuss their findings and report back to the class. THIS TASK IS SUITABLE AS A PREPARATION TASK FOR ANALYSING PRODUCTS FOR THE NEA (NON-EXAMINATION ASSESSMENT).

1. Are there any health and safety issues with this product?

2. Could the product be a commercial success?

3. What do you think of the aesthetics (the way it looks)?

4. Name the materials used to manufacture the product.

5. Who are the potential customers?

6. What 'problem' is the product trying to solve?

The central image is a black rolling trolley with three shelves, used for carrying items. The hexagonal sections are numbered 1 through 6, corresponding to the questions listed above. The questions are:

- 1. Are there any health and safety issues with this product?
- 2. Could the product be a commercial success?
- 3. What do you think of the aesthetics (the way it looks)?
- 4. Name the materials used to manufacture the product.
- 5. Who are the potential customers?
- 6. What 'problem' is the product trying to solve?

Handwritten student responses are visible on sections 2, 3, 4, and 5:

- Section 2:** NAME: JACK. This could be a success, if it is manufactured in large batches and sold at a competitive price.
- Section 3:** What do you think of the aesthetics (the way it looks)?
- Section 4:** NAME: JACK. The case is made from a synthetic textile material, such as nylon. It has aluminium wheels.
- Section 5:** Who are the potential customers?

# HEXAGONAL ANALYSIS - WITH SET QUESTIONS

PRINT OUT THIS MASTER SHEET - AS LARGE AS POSSIBLE

The worksheet consists of a central hexagonal grid labeled "PLACE IMAGE HERE" with a small copyright notice "V.Ryan © 2018" on the right side. Surrounding this central grid are six other hexagonal grids, each containing a question and a number in a circle:

- 1** Are there any health and safety issues with this product?
- 2** Could the product be a commercial success?
- 3** What do you think of the aesthetics (the way it looks)?
- 4** Name the materials used to manufacture the product
- 5** Who are the potential customers?
- 6** What 'problem' is the product trying to solve?

Each hexagonal section contains a light blue grid and a watermark "www.technologystudent.com".

# BLANK SLIPS

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WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

<https://www.facebook.com/groups/254963448192823/>

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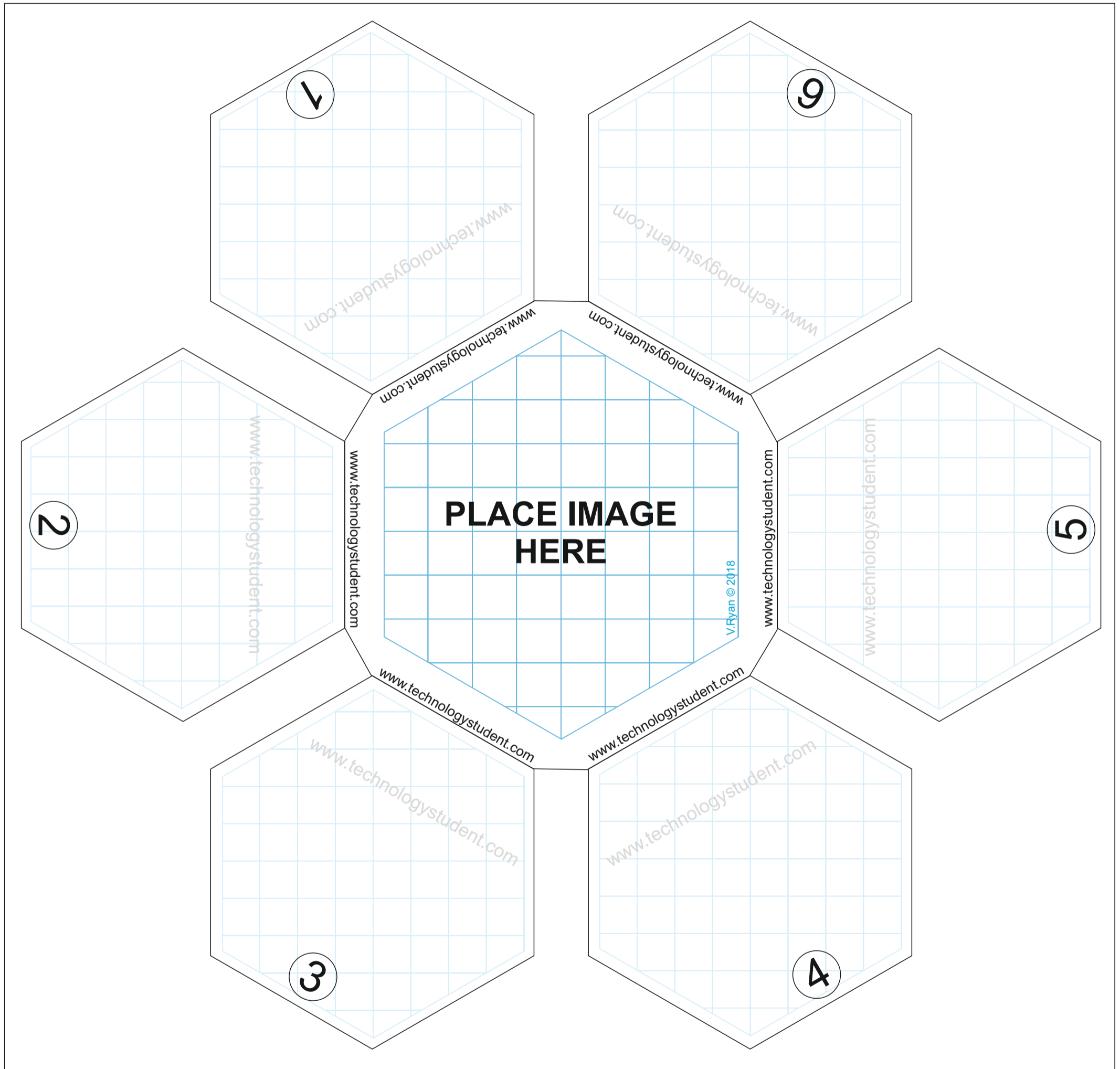
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# BLANK HEXAGONAL ANALYSIS - YOU SET THE QUESTIONS

This 'template' allows you the teacher, to write in your own questions, in each of the hexagons.

## PRINT OUT THIS MASTER SHEET - AS LARGE AS POSSIBLE



# HEXAGONAL ANALYSIS - SAMPLE PRODUCTS

