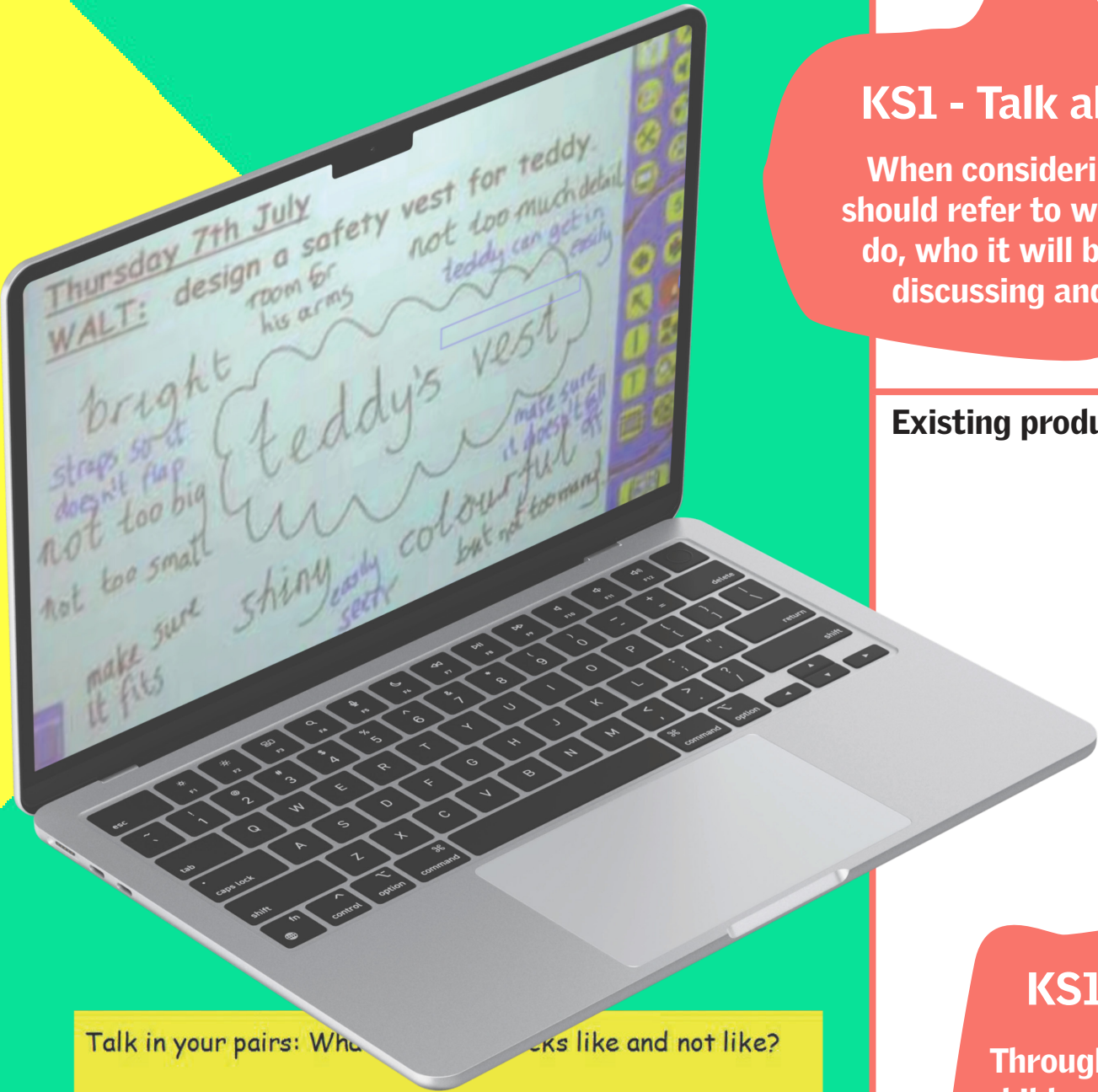


Evaluating

About evaluating

When evaluating, children should make increasingly sophisticated judgements about their own ideas and products against design criteria. They should consider the views of others in order to improve their work. They should also investigate and evaluate existing products using a variety of questioning techniques and, in KS2, learn about important inventors and their inventions.



Evaluating

Key Stage 1

Key Stage 2

Own ideas and products

- Across KS1 pupils should:**
- talk about their design ideas and what they are making
 - make simple judgements about their products and ideas against design criteria
 - suggest how their products could be improved

- Across KS2 pupils should:**
- identify the strengths and areas for development in their ideas and products
 - consider the views of others, including intended users, to improve their work

- In early KS2 pupils should also:**
- refer to their design criteria as they design and make
 - use their design criteria to evaluate their completed products

- In late KS2 pupils should also:**
- critically evaluate the quality of the design, manufacture and fitness for purpose of their products as they design and make
 - evaluate their ideas and products against their original design specification

KS1 - Talk about their design ideas

When considering their design ideas, children should refer to what their product is intended to do, who it will be for and how it will work e.g. discussing and evaluating ideas as a class.

Existing products

- Across KS1 pupils should explore:**
- what products are
 - who products are for
 - what products are for
 - how products work
 - how products are used
 - where products might be used
 - what materials products are made from
 - what they like and dislike about products

- Across KS2 pupils should investigate and analyse:**
- how well products have been designed
 - how well products have been made
 - why materials have been chosen
 - what methods of construction have been used
 - how well products work
 - how well products achieve their purposes
 - how well products meet user needs and wants

- In early KS2 pupils should also investigate and analyse:**
- who designed and made the products
 - where products were designed and made
 - when products were designed and made
 - whether products can be recycled or reused

- In late KS2 pupils should also investigate and analyse:**
- how much products cost to make
 - how innovative products are
 - how sustainable the materials in products are
 - what impact products have beyond their intended purpose

KS1 - Make simple judgements

Throughout the designing and making process, children in KS1 should make simple judgements about their products and ideas against design criteria e.g. thinking about Goldilocks likes and dislikes in relation to design criteria.

Key events and individuals

Not a requirement in KS1

- Across KS2 pupils should know:**
- about inventors, designers, engineers, chefs and manufacturers who have developed groundbreaking products

Late - KS2 Simple design specification

Building on work in early KS2 where children use their own design criteria, children in late KS2 should develop a simple design specification to guide their thinking when designing and making. They should also evaluate their ideas and products against their design specification.



Seasonal Soup Design Specification

Who is your soup going to be for?
for the children and the staff

What is its purpose?
healthy diet but enjoyable

In which season will your soup be eaten?
Spring

Which food groups will your soup include?
vegetables, bread (carrots)

Design criteria - we want our soup to be:
Taste herby, oniony
Texture smooth, soft
Appearance pale
Aroma oniony, zi

Ingredients we will use in our soup:
Seasoning
oil
stock
carrots
leek
onion

Equipment we will need:
bowls, spoons, cooker,
knives, blender, ingredients

KS2 - Inventors, designers, engineers, chefs and manufacturers

Across KS2 pupils should learn about inventors, designers, engineers, chefs and manufacturers who have developed groundbreaking products e.g. Henry Ford, Coco Chanel, Philippe Starck etc.