YEAR 7
FOOD TECHNOLOGY WORK BOOK
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<th>LESSON</th>
<th>LEARNING</th>
<th>HOMEWORK</th>
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<td><strong>HEALTH &amp; SAFETY</strong></td>
<td>Identify dangers in the kitchen and complete work</td>
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<tr>
<td>1</td>
<td>Safety in the Kitchen; Equipment Parts of a Cooker; Job Roles</td>
<td>HEALTH &amp; SAFETY TEMPERATURE CONTROL; FOOD HYGIENE AND SAFETY</td>
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<td>2</td>
<td><strong>VITAMINS &amp; MINERALS</strong></td>
<td>Make vegetable poster Collage of foods high in carbohydrates and dietary fibre</td>
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<tr>
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<td>Nutrition Good food Healthy body</td>
<td>CARBOHYDRATES &amp; Dietary Fibre Nutrition Good food Healthy body</td>
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<td>PRACTICAL 2; FRUIT SALAD Fruit salad evaluation</td>
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<td>Prep &amp; shaping veg Stir frying W.W.O sauce</td>
<td>PRACTICAL 4;FLAT BREAD PIZZA Using component parts Assembly Using the grill/oven</td>
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<td>5 Designing bread rolls Evaluate your work and add picture</td>
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<td>Creaming Coating Portion size Baking</td>
<td>BREAD ROLLS Measuring Kneading Shaping Proving Baking Timing</td>
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<td>6</td>
<td><strong>ROASTED VEGETABLE PASTA</strong></td>
<td>Prep for practical Evaluate your work and add picture</td>
</tr>
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<td>7</td>
<td>Roasting vegetables Vegetable preparation Cooking pasta, assembling a dish</td>
<td>2017</td>
</tr>
</tbody>
</table>
ASSESSMENT GRADES  YEAR 7
THIS IS HOW YOU WILL BE MARKED.

Practical work

Grade 3-4
I made a few mistakes.
I used the right tools
My result NEEDS IMPROVING

Grade 5-6
I worked well, but it is not perfect.
I thought about what I was doing.
My product is SATISFACTORY.
I know how to improve it

Grade 7-8
I followed instructions.
I can use equipment correctly
I checked my work as I went.
My outcome is GOOD

Written work / Homework

Grade 3-4
My work is incomplete; I have made some mistakes;
I have completed the work to a basic level; I have some errors;
I need to improve.

Grade 5-6
I have completed the work but I could have made more effort; I have a few errors.
I have completed the work to a satisfactory level; I could improve spelling and neatness.

Grade 7-8
My work is good; I have worked hard to complete all the work required.
My work is excellent; I have made a really good effort; my work is neat and finished well.
Homework Tasks: Food Studies; The Basic's in Food

Choose your homework tasks from the selection below. The spice level suggests the level of challenge that each task offers:

(● = Level 4, ◆◆ = Level 5, ◆◆◆◆◆ = Level 6+)

COMPLETE AND HAND IN LAST LESSON

Homework One:
1. Design a poster with 5 health & safety rules and 5 food hygiene rules to follow in the kitchen.

2. Design a presentation to explain to year 6 students what health, safety and hygiene rules they should follow during a practical lesson, and why.

3. Produce a step-by-step guide to explain how you should prepare for and finish a practical. Include evidence of you working through the stages focusing on health, safety and hygiene.

Homework Two:
1. For one of the products you have made, develop a picture storyboard with annotation show the step-by-step method.

2. For one of the products you have made in school, write a report to suggest five ways it could be modified to make it healthier, considering the five main nutrients.

3. Re-make one of the products you have made in school, and take photos of the various stages to develop a step-by-step photographic method with detailed notes.

Homework Three:
1. Keep a food diary to record what you eat over one day. Comment on how well balanced your diet is, and suggest 3 ways to make it healthier.

2. Keep a food diary to record what you eat over three days. Compare it against the Eatwell Plate, then write a detailed eating plan with food and drink you could use to make your diet healthier.

3. Ask a friend or family member to keep a food diary to record what they eat over a week. Analyse the results against the Eatwell Plate, and write a short, persuasive letter to advise them how they could improve their diet. Include at least 3 suggestions and explain them in full.
THE HAZARDOUS KITCHEN
Parts of the cooker
Hob, Grill, Top Oven, Main Oven.

**Used for**
Boiling, frying, stir-fries, poaching, stewing, grilling, toasting, roasting, baking, casserole.
THE TOOLS USED IN FOOD TECHNOLOGY ARE CALLED 'UTENSILS'. DO YOU KNOW WHAT THESE UTENSILS ARE CALLED, AND WHAT THEY ARE USED FOR? THEY ARE ALL TOOLS YOU WILL BE USING IN YOUR PRACTICAL LESSONS.

OBJECTIVE: LEARN WHAT THE TOOLS ARE AND WHAT THEY ARE USED FOR.
EQUIPMENT IN THE KITCHEN.

Baking tray
Basin
Chopping board
Cooks knife
Fork
Measuring jug

Metal plate
Mixing bowl
Palette knife
Plastic spatula
Rolling pin
Saucepan

Sieve
Table knife
Tablespoon
Teaspoon
Vegetable knife
Vegetable peeler

Weighing scales
Wire cooling rack
Wooden spoon
Wooden triangle
Safety in the Kitchen

Complete Word scramble on safety

<table>
<thead>
<tr>
<th>Scramble</th>
<th>Answer</th>
<th>Scramble</th>
<th>Answer</th>
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Food room rules

1. Pupils must store their _________ and _________ in the cupboard.

2. _________ must always be tied back.

3. Pupils must always roll up their _________ and wear an _________.

4. During practical lessons chairs are stacked away in ____________.

5. It is important to _________ carefully to instructions to prevent accidents or injury to yourself or others.

6. Never _________ in the food rooms.

7. Food room tasks are completed through good ____________.

KEYWORDS:

- teamwork
- Blazers
- hair
- listen
- bags
- apron
- fours
- sleeves
- run

2017
TEMPERATURE CONTROL

OBJECTIVE: TO COMPLETE THE WORK ON FOOD TEMPERATURE AND UNDERSTAND WHY THIS IS IMPORTANT.

Over 63°C is when


Between 5°C and 63°C is called the


It is called this because


Between 0°C and 5°C is a safer temperature to store food because


Would you want them in your food?
JOB ROLES:

HEAD CHEF:

CHIEF WASHER UPPER:

CHIEF DRYER:

HEALTH AND SAFETY OFFICER:

Homework task 1
Identify possible dangers in the kitchen. Write your ideas below.
Home Hazards

COOKERS BNFADHLG
VGHJNYTTQAIZFAV
CZVHIPAFAJARGBR
SEHTAMDHIEWEPD
CNPGADTYGFRNMD
MEDICINESRTSIBN
PHEFNRSILZQSP
HFPLASTICBAGSAO
OREEHHVHCRAFYICO
TEMGHDERCNQACLUD
WGELECTRICITYUS
AMTXWALPDXZERTL
TDKNIVESTSDNOP
EVNJRQDGKJHBGF
RDRLPSLACIMEHC

MATCHES HOT WATER GARDEN TOOLS
KNIVES FIRE PONDS
MEDICINES STAIRS CHEMICALS
ELECTRICITY PLASTIC BAGS COOKERS

Clues may run forwards, backwards, diagonally, up or down. Some may overlap or even be backwards!
# Food Nutrients

**Vitamins and Minerals:** They prevent illness, ensure good health, repair and control release of energy needed by the body.

## Vitamin A
- **Sources:** Yellow and orange fruit and vegetables, tomatoes, mangoes, carrots, liver, eggs, butter and fish oils.
- **Function:** Helps bone to grow, aids night vision.
- **Deficiency:** Dry skin, impaired vision, slow growth in children.

## Vitamin C
- **Sources:** Citrus fruits, strawberries, tomatoes, green vegetables, potatoes, red and green peppers.
- **Function:** Protects from infection and allergies. Helps body absorb iron.
- **Deficiency:** Poor skin, scurvy, slow healing of wounds.

## Vitamin B
- **Sources:** Pulses, mushrooms, spinach, dried apricots, potatoes, sprouts.
- **Function:** Releases energy, forms red blood cells and essential for growth.
- **Deficiency:** Lack of muscle sore or crackled lip, poor healing, anaemia.

## Vitamin D
- **Sources:** Sunshine, fatty fish, eggs, margarine. Pulses, dairy products.
- **Function:** Strong teeth and bones.
- **Deficiency:** Can cause rickets.

## Minerals

### Calcium
- **Sources:** Dairy products, tofu, spinach parsley, figs, almonds.
- **Function:** Healthy bones and teeth. Helps blood to clot.
- **Deficiency:** Softening of bones. Osteoporosis.

### Iron
- **Sources:** Meat, fish, egg yolk, pulses, dried fruit, green vegetables.
- **Function:** Keep red blood cells healthy.
- **Deficiency:** Tiredness and irritability. Short attention span and anaemia.
**Carbohydrates:** Provide the body with **ENERGY.** They also work together with protein to aid **GROWTH** and **REPAIR.**

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**TWO main types of CARBOHYDRATES**

**Complex Carbohydrates:** Give long lasting energy.

**Sources:** Bread pasta and cereals.

**Simple Carbohydrates:** Make sugar levels go up very quickly and provide a short burst of energy.

**Sources:** cakes, jam, sweets.

A word ending with ‘OSE’ indicates presence of sugar. GLUCOSE, FRUCTOSE, LACTOSE, and SUCROSE.

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<table>
<thead>
<tr>
<th><strong>Starch</strong></th>
<th><strong>Sugar</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sources: Bread pasta, rice, cereals, potatoes</td>
<td>Sources: Fruits, sugar, honey, jam, sweets, cakes.</td>
</tr>
<tr>
<td>Function: Converted into energy slowly. They fill us up.</td>
<td>Function: Provide instant energy.</td>
</tr>
<tr>
<td>Deficiency:</td>
<td>Deficiency:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NSP (Dietary Fibre)</strong></th>
<th><strong>Water</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sources: Whole grain cereals, vegetables, wholegrain bread, fruits, baked beans, legumes.</td>
<td>Sources: Drinks, water,</td>
</tr>
<tr>
<td>Function: Helps digestive system and prevents constipation.</td>
<td>Function: Maintain body temperature, helps digestion, lubricate joints and helps remove waste from body.</td>
</tr>
<tr>
<td>Deficiency</td>
<td>Deficiency</td>
</tr>
</tbody>
</table>
**Food Nutrients**

Use the above information to fill in the table below in as much detail as possible.

We need carbohydrates for ……………………………………………………

We need vitamins and minerals to …………………………………………………

<table>
<thead>
<tr>
<th>Nutrient Group</th>
<th>Foods with this nutrient in</th>
<th>What it is used for in the human body</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbohydrate (Sugars)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbohydrate (Starch)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vitamin A</td>
<td></td>
<td></td>
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<tr>
<td>Vitamin B</td>
<td></td>
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<tr>
<td>Vitamin C</td>
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<tr>
<td>Vitamin D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minerals</td>
<td></td>
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<tr>
<td>Fibre</td>
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</tbody>
</table>
You have learnt about a lot of Vitamins, Minerals, Carbohydrates and Fibre to be used in your recipes. Design a POSTER to show why healthy eating is important.
Homework 3
OBJECTIVE: TO FIND OUT what other dishes use carbohydrates and fibre. LABEL THE INGREDIENTS

Pastry – Carbohydrate
Carrots – fibre
Sensory analysis/ Evaluation
Use the words below for evaluating your practical WORK

What it looks like: APPEARANCE
Clear Cold Colourful Crumbly
Dry Fattening Firm Fresh
Greasy Hard Healthy Hot
Moist Runny Smooth Soft
Tasty Tough Greasy Attractive

What it smells like: SMELL
Burnt Fragrant Fruity Garlicky
Spicy Yeasty Spicy Stale Sour
Fresh Strong Sweet Burnt

What it feels like in your mouth: TEXTURE
Brittle Chewy Creamy Crisp
Crumbly Crunchy Dry Fatty Firm
Flaky Gooey Greasy Gritty Hard
Lumpy Mushy Rubberly Smooth
Soft Soggy Sticky Stringy Tender
Thick Tough

What the flavour is: TASTE
Acidic Bitter Bland Burnt Creamy Dry
Fruity Herby Salty Sharp Sickly
Sour Spicy Stale Sweet Tangy
Tasteless Tasty Raw Watery
Strong mild hot
EVALUATE YOUR PRACTICAL WORK

CRUMBLE.

Skills I have learned or reinforced.
1
2
3

What went well in my work?

........................................................................................................................................
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........................................................................................................................................
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What can I improve about my work?

........................................................................................................................................
........................................................................................................................................
........................................................................................................................................
........................................................................................................................................

What level do I think I have achieved in this lesson?........................ Grade awarded........

EVALUATE YOUR PRACTICAL WORK

FRUIT SALAD

Skills I have learned or reinforced.
1
2
3

What went well in my work?

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........................................................................................................................................
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........................................................................................................................................

What can I improve about my work?

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What level do I think I have achieved in this lesson?......................... Grade awarded........
YEAR 7 FOODTECHNOLOGY
Homework task 4

OBJECTIVE: TO MAKE A RAINBOW OF FRUIT AND VEGETABLES TO SHOW WHY IT IS IMPORTANT TO EAT FRUIT AND VEGETABLES OF DIFFERENT COLOURS.

Colours of the rainbow:

R……. O…………. Y……… G…………….. B………………. I……………. V……………..
OBJECTIVE: TO FIND OUT WHAT OTHER FRUITS COULD BE USED TO MAKE DISHES AND MAKE A COLLAGE.
Cut out pictures and make a collage on this page.
A collage is cutting out pictures and pasting them onto the page.
You also need to say what the fruits are called. Look at my example!

In my collage I have oranges, apples, kiwi, strawberries, kiwi, pineapple and figs. What other fruits can you use.
STIR FRY WITH NOODLES

Skills I have learned or reinforced.
1
2
3

What went well in my work?

..................................................................................................................................................
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What can I improve about my work?

..................................................................................................................................................
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What level do I think I have achieved in this lesson?........................ Grade awarded........

EVALUATE YOUR PRACTICAL WORK

PIZZA

Skills I have learned or reinforced.
1
2
3

What went well in my work?

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What can I improve about my work?

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What level do I think I have achieved in this lesson?......................... Grade awarded........
EVALUATE YOUR PRACTICAL WORK

SCONES

Skills I have learned or reinforced.
1
2
3

What went well in my work?

What can I improve about my work?

What level do I think I have achieved in this lesson? Grade awarded……

EVALUATE YOUR PRACTICAL WORK

MELTING MOMENTS

Skills I have learned or reinforced.
1
2
3

What went well in my work?

What can I improve about my work?

What level do I think I have achieved in this lesson? Grade awarded……
OBJECTIVE: TO RESEARCH SOME DIFFERENT SHAPES INTO WHICH YOU COULD MAKE YOUR BREAD ROLLS.

Choose 4 shapes and draw or stick pictures onto this page. Say why you think each shape is a good one for your rolls.

Shape 1 is a good shape because

Shape 2 is a good shape because

Shape 3 is a good shape because

Shape 4 is a good shape because

Grade for design; reasons; spelling H/W Grade......
EVALUATE YOUR PRACTICAL WORK

BREAD

Skills I have learned or reinforced.
1
2
3

What went well in my work?

What can I improve about my work?

What level do I think I have achieved in this lesson?........................  Grade awarded

EVALUATE YOUR PRACTICAL WORK

ROASTED VEGETABLE PASTA

Skills I have learned or reinforced.
1
2
3

What went well in my work?

What can I improve about my work?

What level do I think I have achieved in this lesson?........................  Grade awarded
OBJECTIVE: TO MAKE AN INTERESTING AND COLOURFUL COLLAGE OF MANY DIFFERENT TYPES OF PASTA. Make a list of all the names of the pastas around the border of the page. Look at the example.
YOU HAVE NOW COMPLETED YOUR FOOD TECHNOLOGY COURSE!
YOU CAN PUT YOUR LICENSE TO COOK CERTIFICATE ON THIS PAGE.
WELL DONE!