

News Report: KS3/4 lesson teacher notes

Teacher notes

Description

In this activity students will be shown a spoof news report about the “British Institute of Eating Control (BIEC)”. This organisation intends to ban people under the age of 16 from eating certain foods deemed unhealthy and will fine parents up to £1000. In the report, a number of people give their responses during interviews.

The aim of this activity is to support students to decide which person from the news interview is most persuasive based on the quality of their argument. Students are also challenged to think of alternative approaches to banning the sale of food. At the end, students vote on the BIEC’s proposals and the suggestions for alternatives offered by different groups.

Learning objectives

Students will learn to:

- Make sense of a range of facts and opinions presented to them
- recognise applications of specific scientific ideas
- apply their scientific understanding about the importance of an adequate and varied diet for health

Learning outcomes

At the end of the lesson students should be able to:

- collect appropriate information
- tell the difference between scientific facts and opinions
- know when scientific ideas have been applied in an argument
- know about the importance of a varied diet for good health

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Learning outcomes ...continued

All students will:

- collect appropriate information
- tell the difference between scientific facts and opinions
- be able to say when an argument uses scientific facts or knowledge
- know about the role of diet in good health

Most students will:

- help to give some information
- know when someone is offering an opinion
- know about healthy eating

Some students will also:

- collect and organize information
- explain why a statement is a fact or an opinion
- use scientific knowledge to justify why some foods are better for a healthy diet than others.

Lesson resources

- Video 1 for pupils, to be used in class – 'Eating Whatever You Like?' - www.teachers.tv/videos/eating-whatever-you-like
- Video 2 for pupils, to be used in class - 'News Report' - www.teachers.tv/videos/news-report
- News Report KS3/4 Lesson Activity Sheets – download these at www.teachers.tv/junk-food-science. For this lesson you need the sheets 'Who Said What?', 'Alternative Ideas', 'Persuasive Argument Openers', plus red and green cards for each pupil.
- Presentation for use in class – 'News Report KS3/4 Lesson Sample Slides' – download this at www.teachers.tv/junk-food-science

Large sheet of paper and poster pens for each group

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Professional development resources

- Video – ‘Teaching the KS3/4 News Report Lesson’ – www.teachers.tv/videos/teaching-the-ks3-4-news-report-lesson Watch this video to see an example of how to teach this lesson.
- Video on using discussion in science lessons – ‘Running Discussions in a KS3/4 Class’ - www.teachers.tv/videos/running-discussions-in-a-ks3-4-class
- Presentation that can be used for a training session on how to run discussions in science lessons – ‘Running Discussions KS3/4 CPD Slides’ – download this at www.teachers.tv/junk-food-science

Running the activity

Starter (5 minutes)

For this activity you could either use the ‘Eating Whatever You Like?’ video featuring Stefan Gates and then the following activity prior to showing the News Report video, or go straight into the following activity and then show the News Report video.

Explain to students that they are going to watch a video showing a news report about an organisation known as the BIEC (British Institute of Eating Control). Ask the students to share their ideas with their talk partner about what they think that this organisation might do. Give them a couple of minutes and then ask them to share ideas with the other pair on their table.

With the whole class collect ideas from different table groups.

Main (40 minutes)

Activity 1 (10 minutes)

Tell the students that they are going to watch a news report and then discuss a range of issues afterwards, so they will need to make notes of the points made by the different people during the video. They could use Who said what? Student Sheet or alternatively use their jotters if they prefer to organise their notes differently.

Show students the News Report video.

Ask the students to discuss, in groups, the following:

- What does the BIEC want to do?
- Why does the BIEC want to ban some foods and fine parents?
- Did everyone interviewed agree with the BIEC’s proposal? How do you know?

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Running the activity ...continued

Activity 2 (15 minutes)

What are the arguments for and against the BIEC being allowed to ban the sale of certain foods to under 16s? On a large sheet of paper ask each group of students to create a 'For and Against' summary on a large sheet of paper which explains the reasons why the BIEC should be able to ban the sale of certain foods to under 16s and reasons why the BIEC should not be able to do so.

When they have completed their summary, ask the groups to identify arguments based on fact by writing an 'F' next to the argument, and identify those arguments based on opinion with an 'O'.

Activity 3 (30 minutes)

Explain to the students that decisions are made every day by government organisations. Some decisions are to give the public information to help people make their own decisions about for example, diet, but in this case the BIEC proposal would impose a law and take away the individual's right to make a decision. It would have consequences for:

- Young people under 16 years of age
- Shopkeepers
- Parents

Tell the students that as a group they now have to make a decision whether the BIEC should or should not be able to ban the sale of certain foods to under 16s and fine parents £1000? Whatever their group decision they must list their reasons.

Next tell the students that they are going to discuss alternatives to banning foods. What do they think schools, young people and parents could do to encourage young people not to buy junk food. Groups should list as many ideas as they can in five minutes. They could use the Alternative Ideas Student Sheet. Tell students that each suggestion must be based on their subject knowledge about health and diet.

Plenary (5 minutes)

Ask each group what decision they had made about the proposed BIEC ban and why. Collect one example of an alternative to banning foods, from each group and list them on the white board. Give students 2 voting cards – Red for 'No' and green for 'Yes'. Tell students that they can only use their green card once. Take a vote on each idea. Which alternative is the most popular and why? Summarise the outcomes of the lesson.

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Extension work

Activity 1

Students could write a lesson to the BIEC informing them of their ideas about the proposed ban. They should provide suggestions about the course of action they should take. They should give reasons based on their scientific knowledge and understanding and facts and opinions identified from the lesson. They should think about the use of persuasive language in their letter, they could refer to the Persuasive Arguments Openers Student Sheet for help.

Activity 2

Students could create a schedule and script for a three minute television news item on the BIEC proposal. This would involve a reporter and crew collecting views from people in the school on the BIEC proposal. They should think about:

- Timing
- How will the item be introduced?
- Who they would interview from the school
- What diet/health information would they share with them?
- What questions would they ask?
- How they would record the views expressed
- What the interviewer would say?

Groups should create a storyboard for their programme. If possible provide time for the students to create this programme either as part of lesson time, or as homework.

Additional activity

Ask the students to take on the role of the BIEC and challenge them to list the top 10 foods that should be banned from being sold to under 16s. Which foods/drinks do they think should be included? They will need to give reasons for their choices, e.g. sugar content, calories, salt, and additives.

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Cross curricular ideas

Mathematics

Students could carry out a survey of their class or year group to identify how much of the proposed banned foods they eat in one week. The students will need to design the questionnaire, collate, process, analyse, and report their findings. They could carry out a second survey to identify which alternative healthy foods or meals would be most popular.

Food technology

Students could design healthy menus for a week at home or in the school canteen. They could develop recipes and shopping lists for these recipes. They could also prepare one of the meals.

The school could also organize a food fair or international lunch where students prepare and share foods from across the World.

English and Drama

Students could develop plays based on the BIEC proposal and its possible effects in the school, home or community. They could also perform role plays based on public reaction.

Students could write newspaper articles based on the BIEC proposal and people's reactions.

Science upd8 activities

The following activities are freely available for download from <http://upd8.org.uk>

Healthy eating

This activity familiarises students with the basics of healthy eating, and makes them more aware of food labeling.

Obesity and cancer

In this activity students design a campaign poster to tell young people about the links between obesity, diet, exercise and cancer. The activity was produced in partnership with CRUK.

Brain power booster

Underperforming primary school pupils showed dramatic improvements in concentration and behaviour in a study funded by Durham County Council.

All they had to do was take a daily dose of fish oil. The question is: could this simple remedy benefit every student? And will GCSE targets be smashed next year? Before parents and headteachers rush to stock up, we clearly need more evidence. In this activity, students plan how to get it.

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Useful weblinks

www.eatwell.gov.uk/healthydiet

This government body provides useful advice on healthy eating in an approachable and understandable form. It includes video clips and links to other sites as well as advice on wider food safety.

www.bbc.co.uk/food/diets/healthy

This website has a selection of recipes for people who need specialist diets.

www.en.wikipedia.org/wiki/Healthy_diet

Wikipedia provides useful text-based information on healthy diets including insights from other countries.

www.studentsfirst.nhs.uk/teens/health/healthy_eating

This website is optimised for issues relating to teenagers and healthy diets.

www.bbc.co.uk/learningzone/clips/food-and-energy/267.html

This online video clip looks at the energy value of food. Normally a man needs about 12,000 kJ of food energy per day, but Dave the polar explorer needed 27,000 kJ to drag a heavy sledge and keep warm. The presenter's lunch has 800 kJ per 100g, however Dave needed 2,700 kJ per 100g to keep the total weight of the food he needed for 100 days down to 100kg. They investigate how this is done.

Links to other useful Teachers TV videos

Videos on news-making

'Teaching Media – Media Production in the Classroom'

www.teachers.tv/videos/teaching-media-media-production-in-the-classroom

Year 8 students analyse, plan, shoot and edit short films, based on TV hospital dramas.

'Breaking the News'

www.teachers.tv/videos/breaking-the-news

Students follow an online course about television news before spending time at ITN producing their final "Breaking the News" bulletin.

'Making the News'

www.teachers.tv/videos/making-the-news

Year 8 students have a go at broadcast journalism by taking part in the BBC's School Report project. They broadcast their own news reports to tight deadlines.

Food science videos

'Science of Food' (short videos for students)

www.teachers.tv/series/science-of-food

Examining the properties of food groups and how different foods can help with physical and mental ability.

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Food science videos ...continued

'Industrial Ingredients' (short videos for students)

www.teachers.tv/series/industrial-ingredients

Delve into the world of mass processed foods, take a close look at additives and the laws relating to them, and discover current trends within the food industry.

'Food Labels' (short videos for students)

www.teachers.tv/series/food-labels

An examination of the factors that can influence consumers to purchase particular brands and goods. The series also looks at the legal obligations companies have when it comes to sharing food information on packaging.

'Eat Better, Do Better'

www.teachers.tv/series/eat-better-do-better

The science behind healthy food and why it's crucial to consider what pupils eat, plus clever ideas to transform school meals and encourage healthy eating.

