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Source: https://www.theguardian.com/commentisfree/2020/mar/15/epidemiologist-britain-herd-immunity-coronavirus-covid-19

## Text A

# I'm an epidemiologist. When I heard about Britain's 'herd immunity' coronavirus plan, I thought it was satire

William Hanage



Patients in a temporary overflow building at Brescia hospital, Italy. 'In Italy, the choices of whom to save and whom to allow to die are real.' Photograph: Miguel Medina/AFP via Getty Images

# Vulnerable people should not be exposed to Covid-19 right now in the service of a hypothetical future

Your house is on fire, and the people whom you have trusted with your care are not trying to put it out. Even though they knew it was coming, and could see what happened to the neighbours as they were overwhelmed with terrifying speed, the UK government has inexplicably chosen to encourage the flames, in the misguided notion that somehow they will be able to control them.

When I first heard about this, I could not believe it. I research and teach the evolution and epidemiology of infectious disease at Harvard's Chan School of Public Health. My colleagues here in the US, even as they are reeling from the <a href="stumbling response">stumbling response</a> of the Donald Trump administration to the crisis, assumed that reports of the UK policy were satire – an example of the wry humour for which the country is famed. But they are all too real.

We talk about vaccines generating herd immunity, so why is this different? Because this is not a vaccine. This is an actual pandemic that will make a very large number of people sick, and some of them will die. Even though the mortality rate is likely quite low, a small fraction of a very large number is still a large number. And the mortality rate will climb when the NHS is overwhelmed. This would be expected to happen, even if we make the generous assumption that the government were entirely successful in restricting the virus to the low-risk population, at the peak of the outbreak the numbers requiring critical care would be greater than the number of beds available. This is made worse by the fact that people who are badly ill tend to remain so for a long time, which increases the burden.

And of course, you can't restrict it to this age group. Think of all the people aged between 20 and 40 who work in healthcare, or old people's homes. You don't need many introductions into settings like these for what we might coyly call "severe outcomes". In Washington State, nearly all the

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deaths reported so far have been associated with nursing homes. Is everyone in a high-risk group supposed to withdraw themselves from society for six months until they can emerge once the (so far entirely imaginary) second wave has been averted?

About that second wave: let me be clear. Second waves are real things, and we have seen them in flu pandemics. This is not a flu pandemic. Flu rules do not apply. There might well be a second wave, I honestly don't know. But vulnerable people should not be exposed to a virus right now in the service of a hypothetical future.

Keeping people safe means self-isolation if you develop symptoms, but the official advice here is also misleading. While it is of paramount importance that sick people stay at home to avoid infecting others, it is increasingly clear that transmission can occur before symptoms develop. We know this is true from modelling and observational studies. I have seen it happen myself. We do not know how often it occurs or how important it is in epidemiology, but it definitely does happen.

The UK should not be trying to create herd immunity, that will take care of itself. Policy should be directed at slowing the outbreak to a (more) manageable rate. What this looks like is strong social distancing. Anyone who can work from home, should. People who do not yet work from home should be encouraged to do so. Employers should guarantee sick pay, including for contacts of known cases, and do everything they can to discourage the practice of "presenteeism". You should not shake hands. Not with anyone. You should wash your hands for 20 seconds several times a day and whenever you enter your home (or someone else's home). Call a halt to large gatherings. Educate people about masks and how they should be reserved for the medical professionals who need them. All this and more **should** have started weeks ago.

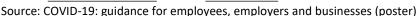
Deciding whether to close schools is hard; they do so much more than just education. But this is a pandemic, and so you should expect they will be shut sooner or later. In Hong Kong, they have been shut for weeks. If you hear any talking head on TV explain that kids don't get sick, remember that doesn't mean kids cannot be infected and transmitted. It's probably a good idea to hold off on visits to Nana and Grandpa.

The most fundamental function of a government is to keep its people safe. It is from this that it derives its authority, the confidence of the people and its legitimacy. Nobody should be under the illusion that this is something that can be dodged through somehow manipulating a virus that we are only beginning to understand. This will not pass you by: this is not a tornado; it is a hurricane.

Don't panic, but **do** prepare. If your government won't help you, do it yourself.

 Dr William Hanage is a professor of the evolution and epidemiology of infectious disease at Harvard.

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https://www.gov.uk/government/publications/guidance-to-employers-and-businesses-about-covid-19



Text B

യോ Public Health England

# Employers and businesses guidance

Common symptoms of coronavirus (COVID-19)



new and continuous cough



high temperature

If you have symptoms of coronavirus, vou need to self-isolate for 7 days

If you live with someone who has symptoms, you need to self-isolate for 14 days from the day their symptoms started

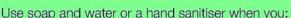
Only use **NHS 111** if your symptoms get worse or are no better after home isolation

#### Stop the spread of coronavirus





Wash your hands more often and for 20 seconds



- · Get home or into work
- Blow your nose, sneeze or cough
- · Eat or handle food





Cover your mouth and nose with a tissue or your sleeve (not your hands) when you cough or sneeze and throw the tissue away straight away



Businesses and workplaces should encourage their employees to work at home, wherever possible



Frequently clean and disinfect objects and surfaces that are touched regularly, using your standard cleaning products



# Employees will need your support to adhere to the recommendation to

to adhere to the recommendation to stay at home to reduce the spread of coronavirus to others



Those who follow advice to stay at home will be eligible for **statutory sick pay (SSP) from the first day** of their absence from work

**Employers should use their discretion** concerning the need for medical evidence for certification for employees who are unwell. This will allow GPs to focus on their patients

If someone becomes unwell in the workplace with a new, continuous cough or a high temperature, **they should be sent home**  Employees from **defined vulnerable** groups should be strongly advised and supported to stay at home and work from there if possible

For better resolution and clarity download and print this as a separate A4 PDF from the link above.

April 2020. Kindly contributed by Laura Robinson, RNN Training, S Yorkshire. Search for Laura on <a href="www.skillsworkshop.org">www.skillsworkshop.org</a> L2 Functional English, GCSE, and GEC for T Levels. To find related links and resources visit the download page for this resource at skillsworkshop. Page 3 of 8

Name	Date



#### **Ouestions - Text A**

Que	Questions – Text A				
1.	Give 3 examples of opinions presented as facts.				
1.					
2.					
3.					
2.	2. How does the text show bias? Give examples from the text.				
3. Find three different language techniques in the text and give an example.					
Lan	guage Technique	Example from text			
1.					
2.					
3.					
4.	4. What is meant by the phrase "This will not pass you by: this is not a tornado; it is a hurricane"?				

# Covid-19 reading tasks Name \_\_\_\_ Date \_\_\_\_

3.



c <sub>-</sub>	worksh
5.	Name two layout features of the text that show that it is an article.
6.	What is the purpose of the text?
7.	Give examples of three things the professor says you should not do during the Covid-19 pandemic.
1.	
2.	
3.	
8.	According to the text, why will the mortality rate climb?
Qu	estions – Text B
9. 0	Give examples of 3 facts from the text.
1.	
2.	

Give 2 examples of what you must do to stop the spread of coronavirus.				
GIVE 2 CAUTIFIC	s or what you must do to stop	the spread of coronavirus.		
2.				
. What is the pur	pose of the text? (Pick 2 option	ns)		
To inform	To describe	To advise		
To persuade	To advertise	To entertain		
	e way the text is set out helps	readers to understand the		
Questions – both				

#### Curriculum mapping and notes



#### FUNCTIONAL SKILLS (FS) ENGLISH 2018 (takes effect from September 2019)

#### **Functional English - Reading**

'Reading' within FS English qualifications is defined as the independent understanding of written language in specific contexts and can be demonstrated through the use of texts on screen or on paper. ✓ = main **content** covered in this resource, although this will vary with the student group and how the resource is used by the teacher. For a full list of descriptors for speaking, listening & communicating; reading and writing see: *DfE (Feb 2018), Subject content functional skills:* 

https://www.gov.uk/government/publications/functional-skills-subject-content-english

**Learning aims for reading L1-2** Read a range of different text types confidently and fluently, applying their knowledge and understanding of texts to their own writing.

Content (and \*text types) at each level subsumes and builds upon that at lower levels.

#### Level 1

- L1.9 Identify and understand the main points, ideas and details in texts ✓ Q7 Q8 Q10 Q12
- L1.10 Compare information, ideas and opinions in different texts ✓ Q14 Q15
- L1.11 Identify meanings in texts and distinguish between fact and opinion ✓ Q1 Q9
- L1.12 Recognise that language and other textual features can be varied to suit different audiences and purposes ✓ Q3
- L1.13 Use reference materials and appropriate strategies (e.g. using knowledge of different word types) for a range of purposes, including to find the meaning of words
- L1.14 Understand organisational and structural features and use them to locate relevant information (e.g. index, menus, subheadings, paragraphs) in a range of straightforward texts ✓ Q5 Q13
- L1.15 Infer from images meanings not explicit in the accompanying text
- L1.16 Recognise vocabulary typically associated with specific types and purposes of texts (e.g. formal, informal, instructional, descriptive, explanatory, persuasive) ✓ Q6 Q11
- L1.17 Read and understand a range of specialist words in context
- L1.18 Use knowledge of punctuation to aid understanding of straightforward texts

#### Level 2

- L2.11 Identify the different situations when the main points are sufficient and when it is important to have specific details ✓ Q7 Q8
- L2.12 Compare information, ideas and opinions in different texts, including how they are conveyed ✓ Q14 Q15
- L2.13 Identify implicit and inferred meaning in texts L2.14 Understand the relationship between textual features and devices, and how they can be used to shape meaning for different audiences and purposes VQ3 Q4
- L2.15 Use a range of reference materials and appropriate resources (e.g. glossaries, legends/keys) for different purposes, including to find the meanings of words in straightforward and complex sources L2.16 Understand organisational features and use them to locate relevant information in a range of straightforward and complex sources ✓ Q5 Q13 L2.17 Analyse texts, of different levels of complexity, recognising their use of vocabulary and identifying
- L2.18 Follow an argument, identifying different points of view and distinguishing fact from opinion ✓ Q1 Q9 L2.19 Identify different styles of writing and writer's voice Q7 Q11

levels of formality and bias √ Q2

#### Scope of study – learners should read \*texts that include:

straightforward texts on a range of topics and of varying lengths that instruct, describe, explain and persuade.

straightforward and complex ✓ texts on a range of topics and varying lengths that instruct, describe, explain & persuade.





GC	SE ENGLISH LANGUAGE	<b>Bold</b> font indicates main coverage.		
READING (50% weighting)				
A1	<ul> <li>(a) Identify and interpret explicit and implicit information and ideas. ✓ Q7 Q8</li> <li>(b) Select and synthesise evidence from different texts. ✓ Q15</li> </ul>			
A2	Explain, comment on and analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views ✓ Q3 Q4			
А3	Compare writers' ideas and perspectives, as well as how ✓ Q14	these are conveyed, across two or more texts.		
A4	Evaluate texts critically and support this with appropriate t	extual references. ✓ Q2 Q3		

DfE (2013), English Language GCSE subject content and assessment objectives.

https://www.gov.uk/government/publications/gcse-english-language-and-gcse-english-literature-new-content

### T LEVEL (Level 3 technical qualifications) General English Competencies (GEC)

Descriptors are only included for competencies covered in this resource. See source for full descriptors.

T level learners must achieve Level 2 Functional English OR an English GCSE grade from 4 to 9. In addition, the *Outline Content for Technical Qualifications* includes maths, English and digital skills that are specific for each T Level. These skills are implicitly taught [embedded] and are in addition to the minimum maths and English requirements for the overall T Level. There are six GEC competencies. Source: <a href="https://www.instituteforapprenticeships.org/t-levels/developing-t-levels/">https://www.instituteforapprenticeships.org/t-levels/developing-t-levels/</a>

1. Convey technical information to different audiences

- 2. Present information and ideas
- 3. Create texts for different purposes and audiences
- 4. Summarise information/ideas

#### 5. Synthesise information

Synthesising information is an essential skill in the workplace where there is a requirement to gather information from different sources. People with this GEC select the appropriate sources to reflect the particular purpose. They read, understand and synthesise the information in a way that suits the audience and purpose. They recognise the difference between fact and opinion and recognise bias in a source.

✓ Q2 Q3 Q4 Q14 Q15

6. Take part in / Lead discussions

An editable Word version of this document is available, on a one to one exchange basis for your own resource contribution (for registered contributors only).

If you wish to become a registered contributor, please contact Maggie using the site contact link. There is no answer sheet for this resource. If you would like to provide one please get in contact.