

# What is the issue?



## whanaungatanga

**Korero** — Think about the picture and make some connections to your own life and experiences. Discuss with a buddy or buddies. What does this picture mean to you? There is no 'wrong' answer, all ideas are welcome.

**Science capability – Engage with Science**

***For all up to date information on COVID 19 in NZ always refer to <https://covid19.govt.nz/>***

**Pānui** - Read the information about mask wearing.

**Masks are a key measure to reduce transmission of COVID-19, and save lives.**

Wearing well-fitted masks should be used as part of a comprehensive 'Do it all!' approach including maintaining physical distancing, avoiding crowded, closed and close-contact settings, ensuring good ventilation of indoor spaces, cleaning hands regularly, and covering sneezes and coughs with a tissue or bent elbow. Depending on the type, masks can be used for either protection of healthy persons or to prevent onward transmission, or both. From WHO <https://www.who.int/news-room/questions-and-answers/item/coronavirus-disease-covid-19-masks>



**(Learn) New word: Mandatory**

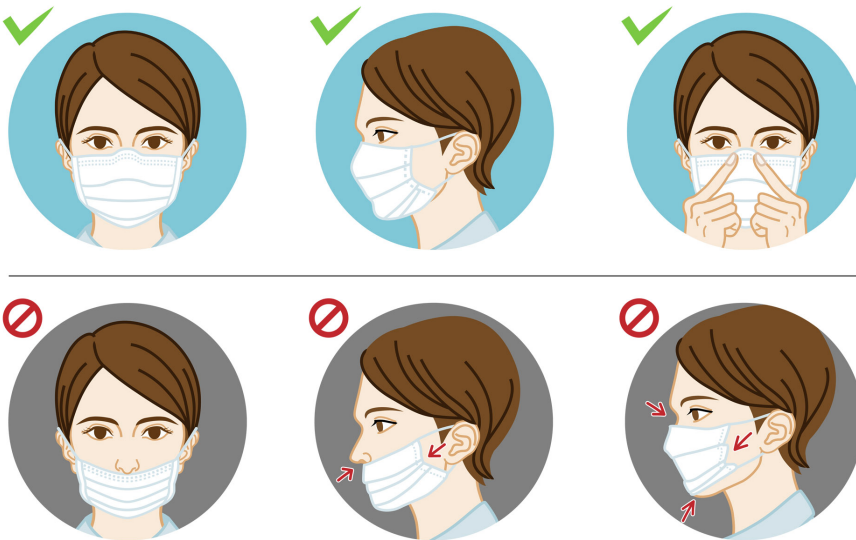
**Required by law, is compulsory.**

While mask wearing is now mandatory in NZ schools for students in year 4 and up, please be aware that some people who have a disability or health condition may not be able to wear a face covering safely or comfortably. Please be mindful of this. They have the right to access education and deserve our respect and understanding.

## Disposable masks - Tips for use

A disposable blue surgical mask can be worn more than once if it is washed in hot water each time it is worn.

- Washing in hot water and then drying will kill any virus particles they have collected during use.
- Putting them through the washing machine with soap powder is the harshest way of washing them, hand washing just in water is fine.
- Keep some with you all the time in case you need to use them.
- Do not share masks – you need a few so each member of your whānau can have their own mask.
- You can buy them in supermarkets and pharmacies.
- Do not wash KN95 or N95 masks as this destroys the static charge. Leave them to air out between wears and rotate with another mask.

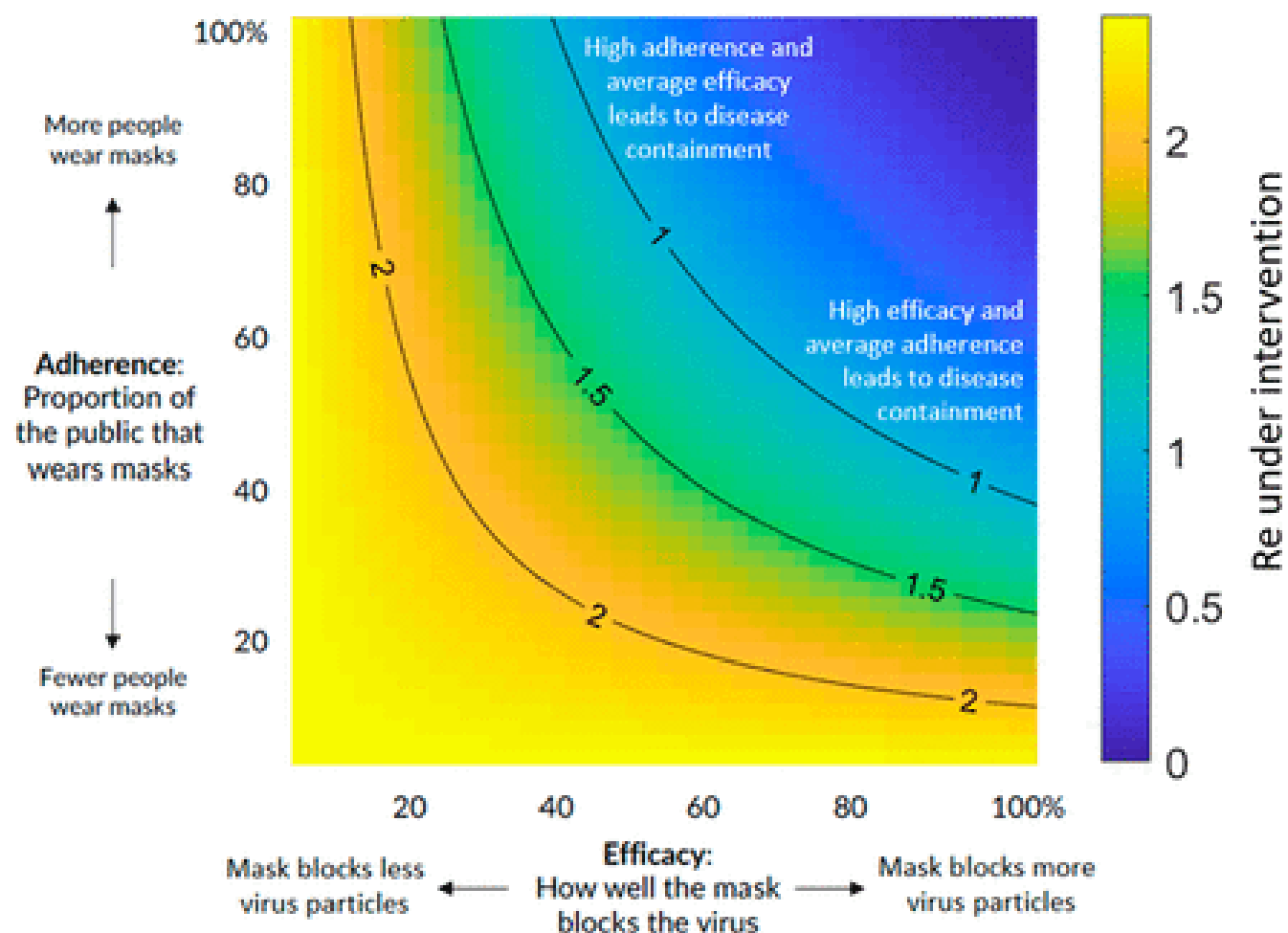


(from <https://www.healthnavigator.org.nz/health-a-z/c/covid-19-face-masks/>)

Face masks do's and don'ts from The Ministry of health NZ

[https://www.health.govt.nz/system/files/documents/pages/hp7433\\_-\\_facemask\\_poster\\_v4\\_05\\_v2.pdf](https://www.health.govt.nz/system/files/documents/pages/hp7433_-_facemask_poster_v4_05_v2.pdf)

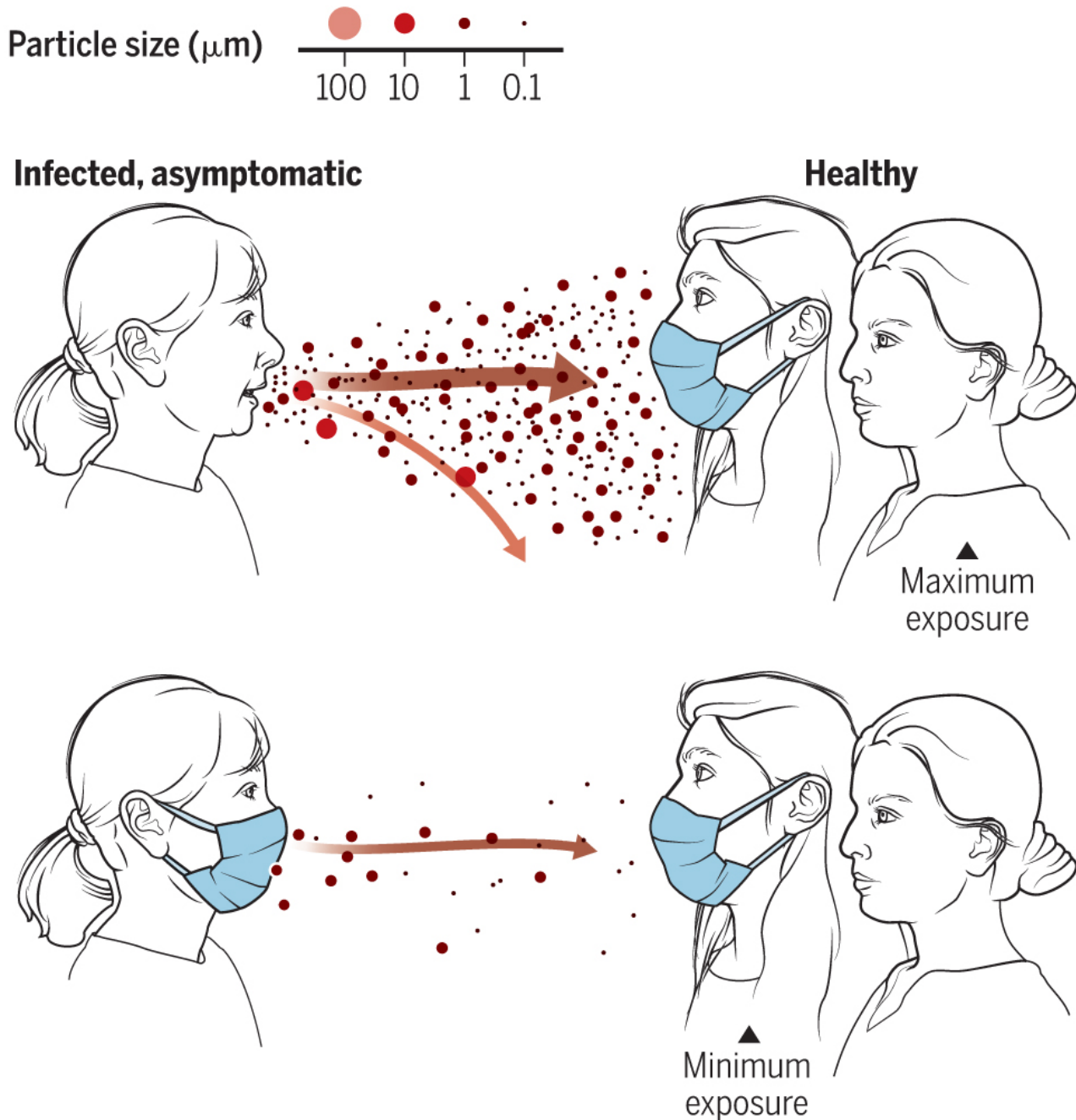
## Science capability – Interpret representations



Impact of public mask wearing under the full range of mask adherence and efficacy scenarios. The color indicates the resulting reproduction number  $R_e$  from an initial  $R_0$  of 2.4 (40). Blue area is what is needed to slow the spread of COVID-19. Each black line represents a specific disease transmission level with the effective reproduction number  $R_e$  indicated.

# Masks reduce airborne transmission

Infectious aerosol particles can be released during breathing and speaking by asymptomatic infected individuals. No masking maximizes exposure, whereas universal masking results in the least exposure.



Science capabilities - Gather and interpret data/ Use evidence.

**Mataara** - Watch the clips to learn more.

How to decipher P2s, N95s and K95s when it comes to Covid masks (2:02)

<https://www.1news.co.nz/2022/01/30/how-to-decipher-p2s-n95s-and-k95s-when-it-comes-to-covid-masks/>

Mask vs No Mask Lab Results - Do they work? (10:52)

<https://www.youtube.com/watch?v=qDeP7-rUZmo>

High speed camera captures how different types of face masks work (1:49)

<https://www.youtube.com/watch?v=DNeYfUTA11s>

**Tuhituhi** - write down 3 new words as you watch and learn.

***If time...***

**'Doodle or Google'** - Idea from *Innovate Inside The Box* by G. Couros and K. Novak.

Spend 5 minutes doing research. This is time to brainwrite, write questions, look up information and gain background knowledge, take visual notes

and/or discuss mask wearing with your buddies.

Remember to note down key words, ideas and evidence.





## Think Who cares?

### Outline of issues – Think/Plan/Share

1. On your own or in pairs or groups of 3 - Use your keywords to write down 3 questions you have about what you have read/seen/talked about today. You may want to start with 'what', 'when' 'who' 'why' or 'how'.
2. Choose your 'top' question. Write this tidily on a piece of paper for our 'Wonder Wall'.
3. **YOU CHOOSE - In pairs**

***Either***, research your question or someone else's – you can use the key words, ideas and evidence you gathered above. Then make a short (100-200 words) summary. Share your question and summary on a google doc with your teacher. See our writing tips below. Put both your names on the google document.

***Or***, make an informative poster to promote mask wearing in our school, that you are proud to display. Put both your names on the poster.

### Kōrero/Tuhituhi/ Pānui.

**Know it!**

**Link it!**

**Extend it!**

Your writing or poster should link ideas together using words like:

Therefore

Also

Because

For example

Compared to

Since

Although

Such as

**Link back** to the issue by using the keywords, key ideas and evidence you noted from the video clips, interactives and readings.

**Self-review** – read over your summary and use this checklist:

- Have I described the issue?
- How well does my evidence support my point of view?
- Is my writing meaningful and does it clearly communicate my thinking?

## Optional Extras...

If you are interested, you may want to think about the following information to extend your understanding of these issues. ***For all up to date information on COVID 19 in NZ always refer to <https://covid19.govt.nz/>***

**Pānui** - Read

How to wear a face mask safely

<https://covid19.govt.nz/prepare-and-stay-safe/keep-up-healthy-habits/wear-a-face-mask/how-to-wear-a-face-mask-safely/>

Face coverings must now be 'an actual mask', Prime Minister Jacinda Ardern says

<https://www.rnz.co.nz/news/national/460197/face-coverings-must-now-be-an-actual-mask-prime-minister-jacinda-ardern-says>

PĀNUI: Mask wearing, Omicron update, record booster/paediatric vaccinations

<https://waateanews.com/2022/01/26/panui-mask-wearing-omicron-update-record-booster-paediatric-vaccinations/>

**Mataara** - Watch

How Well Do Masks Work? (8:20)

<https://www.youtube.com/watch?v=0Tp0zB904Mc>