



# CTK AQUINAS

A CHRIST THE KING SIXTH FORM

## Thinking of studying Medicine at university?

If you are thinking about becoming a Doctor, now is the time to start preparing. CTK Aquinas have put together this guide to help you.

Look at the skills below and evaluate which are your strengths and areas you need to work on developing.

### Qualities needed to be a good doctor:

- **Having great determination**
- **Not wanting to be beaten by problems**
- **Being positive**
- **Patience and empathy**
- **Strong communication skills**
- **Ability to work well in a team**
- **Being hardworking**
- **Coping with stressful situations**



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## Interviews for Medical School

In Year 13 you may be invited to a medical school for an interview. Have a think about how you would answer the following questions at a medical school interview.

If you would like some feedback, email your answers to Ms Power, Deputy Principal, A Levels CTK Aquinas on **[h.power@ctksfc.ac.uk](mailto:h.power@ctksfc.ac.uk)**

- 1. Why Medicine?**
- 2. What qualities do you think a good doctor needs to have?**
- 3. What evidence shows that you have the qualities a good doctor needs?**
- 4. Tell me about any relevant experience you've had.**
- 5. What are the biggest health issues facing the NHS currently?**
- 6. What are you likely to be in 20 years time?**
- 7. What is health provision like in your home area?**
- 8. What areas of medical research interest you and what do you know about them?**



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## Medicine Seminars and Online Courses

**Visions Seminar (Year 10 & 11) 18 July 2020 10am – 12pm**

Richard Hale School, Hale Rd, Hertford, SG13 8EN

Are you in Year 10 or 11? Are you thinking of applying to medicine? You will be able to gain the advice and knowledge from medical students at some of the UK's top medical schools including Oxford University. The best part? It's FREE. Sign up here:

**<https://www.theaspiringmedics.co.uk/events/visions-seminar-year-10-11-2>**

### Two TED talks to look out for:

- **[The Pharmacy of the Future](#)** by Daniel Kraft
- **[The Key to a Better Malaria Vaccine](#)** by Faith Osier



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## Medicine Seminars and Online Courses

### MOOCS — Massive Open Online Courses

If you go to [www.futurelearn.com](http://www.futurelearn.com), you will find taster courses from universities all over the world giving you an insight into what studying a subject at university will be like.

The courses usually last between 2-6 weeks and require 2-6 hours of studying per week. They are completely free of charge.

Taking one or two of these will show that you have not only used your initiative, but that you have already coped with university level work and university style learning.

#### **Appropriate courses at the moment include:**

- **Animal Viruses (Madrid)**
- **The Many Faces of Dementia (UCL)**
- **Elements of Good Pharmacy Practice (Teipei)**
- **The NHS Explained (The King's Fund)**
- **Depression in Young People (Reading)**
- **Discover Dentistry (Sheffield)**
- **Cardiovascular Disease (Reading)**



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## Research Topic: Blood Cancer

It is claimed that someone is diagnosed with blood cancer every 14 seconds. There are over 100 different types of them. 240,000 people in the UK are currently living with one of them and every year 15,000 die as a result of one.

Those caused by the creation of too many white blood cells called granulocytes are being combated with drugs called TKI (Tyrosine Kinase Inhibitors).

Myeloma is also being combated with CAR-T therapies, which involve taking a person's immune cells from their bone marrow, reprogramming them to target their cancer and returning them to the patient.

## Recommended Reading

- **“Do No Harm: Stories of Life, Death and Brain Surgery”** by Henry Marsh
- **“When Breath Becomes Air”** by Paul Kalanithi
- **“This is Going to Hurt: Secret Diaries of a Junior Doctor”** by Adam Kay
- **“Bad Pharma”** by Ben Goldacre
- **“The Chemistry of Life”** by Steven Rose



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## Finding Work Experience

Are you struggling to find contacts in the world of your subject? Contact all local practitioners and your local Rotary Club will have both practising and recently retired professionals, who should be willing to help.

We hope you have found this guide helpful.

Please don't hesitate to get in touch with

**[h.power@ctksfc.ac.uk](mailto:h.power@ctksfc.ac.uk)**

if you would like any more advice and guidance.