Al Khair Secondary Schools' Careers Directory 2021

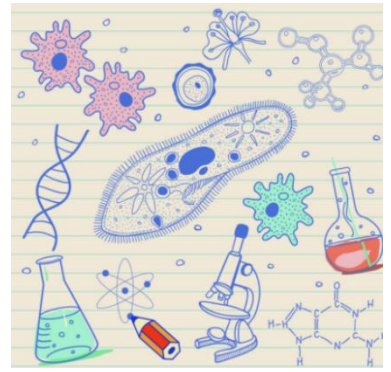Welcome to our Al Khair Secondary Schools' careers directory.

You will find lots of information about different careers by subject. Do remember that these are not the ONLY careers available within each subject area, but the subject pages are a great place to start exploring your possible future career options.

The below websites provide information about a number of different careers and university courses across a wide range of subjects:

- ➔ http://bbc.com/bitesize/careers
- ➔ http://icould.com/explore
- ➔ https://careerpilot.org.uk
- ➔ https://nationalcareers.service.gov.uk/
- ➔ https://www.youthemployment.org.uk/

CONTENTS – click on the page numbers to be taken straight to each subject page

BIOLOGY

Click on the links below to find out more about the different careers available using **Biology**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. General Practitioner (GP)

https://www.careerpilot.org.uk/job-sectors/medical/job-profile/gp

2. Doctor (in a hospital)

https://www.careerpilot.org.uk/job-sectors/medical/job-profile/hospital-doctor

3. Nurse (in a hospital)

https://www.careerpilot.org.uk/job-sectors/medical/job-profile/nurse

4. Pharmacologist

https://www.careerpilot.org.uk/job-sectors/medical/job-profile/pharmacologist

5. Speech and Language Therapist

https://www.careerpilot.org.uk/job-sectors/childcare/job-profile/speech-and-language-therapist

6. Optometrist

https://nationalcareers.service.gov.uk/job-profiles/optometrist

7. Biomedical scientist

https://www.careerpilot.org.uk/job-sectors/environment/job-profile/biomedical-scientist

8. Midwifery

https://www.healthcareers.nhs.uk/explore-roles/midwifery

9. Vet

https://nationalcareers.service.gov.uk/job-profiles/vet#HowToBecome

Real world examples – watch videos of people who work in careers using **Biology**

A GP - https://icould.com/stories/adebola/

An optometrist - https://icould.com/stories/tulsi/ and https://icould.com/stories/holly/

A dentist - https://icould.com/stories/anna-k/

A midwife - https://icould.com/stories/benash/

A surgeon - https://nationalcareers.service.gov.uk/job-profiles/surgeon

A biomedical scientist - https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences/biomedical-science

CHEMISTRY

Click on the links below to find out more about the different careers available using **Chemistry**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Anaesthetist

https://www.careerpilot.org.uk/job-sectors/medical/job-profile/anaesthetist

2. Chemical Engineer

https://www.unifrog.org/student/subjects/area-sciences/chemical-engineering

3. Chemist

https://www.careerpilot.org.uk/job-sectors/science/job-profile/chemist

4. Forensic Scientist

https://www.careerpilot.org.uk/job-sectors/data-network/job-profile/forensic-scientist

5. Pharmacist

https://nationalcareers.service.gov.uk/job-profiles/pharmacist

6. Laboratory technician

https://www.careerpilot.org.uk/job-sectors/science/job-profile/laboratory-technician

7. Investment banking

https://icould.com/stories/yvonne/

Real world examples – watch videos and read stories about people who work in careers using **Chemistry:**

A pharmacist - https://www.healthcareers.nhs.uk/explore-roles/pharmacy/roles-pharmacy/pharmacist

Studying chemistry at university - https://www.ucas.com/explore/subjects/chemistry

Studying sports science at university - https://www.thecompleteuniversityguide.co.uk/league-tables/rankings

A research scientist - https://www.bbc.co.uk/bitesize/articles/zv2skmn

A chemist - https://www.bbc.co.uk/bitesize/articles/zkw6cqt

A clinical research scientist - https://www.bbc.co.uk/bitesize/articles/zrgn92p

A paramedic - https://www.bbc.co.uk/bitesize/articles/zmwsscw

PHYSICS

Click on the links below to find out more about the different careers available using **Physics**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Aerospace Engineer

https://www.careerpilot.org.uk/job-sectors/engineering-design/job-profile/aerospace-engineer

2. Astronomer

https://www.careerpilot.org.uk/job-sectors/science/job-profile/astronomer

3. Broadcast Engineer

https://nationalcareers.service.gov.uk/job-profiles/broadcast-engineer

4. Civil Engineer

https://www.careerpilot.org.uk/job-sectors/design-planning/job-profile/civil-engineer

5. Energy Engineer

https://www.careerpilot.org.uk/job-sectors/design-planning/job-profile/energy-engineer

6. Meteorologist

https://nationalcareers.service.gov.uk/job-profiles/meteorologist

7. Nuclear Engineer

https://www.careerpilot.org.uk/job-sectors/engineering-design/job-profile/nuclear-engineer

Real world examples – watch videos and read stories about people who work in careers using **Physics:**

Studying Physics at university - https://www.theuniguide.co.uk/subjects/physics

Working on a nuclear site - https://www.bbc.co.uk/bitesize/articles/zrw647h

A minerals technology apprentice - https://www.bbc.co.uk/bitesize/articles/zhhjy9q

An aerospace engineer apprentice - https://www.bbc.co.uk/bitesize/articles/zjq3jhv

An aerospace engineer - https://www.bbc.co.uk/bitesize/articles/znj9scw

An electrical engineer - https://www.bbc.co.uk/bitesize/articles/zvqyqp3

An electrician - https://www.bbc.co.uk/bitesize/articles/zrpdf4j

A Formula 1 engineer - https://www.bbc.co.uk/bitesize/articles/zvk3jhv

MATHS

Click on the links below to find out more about the different careers available using **Maths**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Accountant

https://nationalcareers.service.gov.uk/job-profiles/private-practice-accountant

2. Actuary

https://www.careerpilot.org.uk/job-sectors/finance-accounting/job-profile/actuary

3. Cyber Intelligence Officer

https://www.careerpilot.org.uk/job-sectors/data-network/job-profile/cyber-intelligence-officer

4. Economist

https://nationalcareers.service.gov.uk/job-profiles/economist

5. Finance Adviser

https://www.careerpilot.org.uk/job-sectors/finance-accounting/job-profile/financial-adviser

6. Software Developer

https://www.careerpilot.org.uk/job-sectors/software-systems/job-profile/software-developer

7. Stockbroker

https://www.careerpilot.org.uk/job-sectors/finance-accounting/job-profile/stockbroker

8. Architect

https://www.bbc.co.uk/bitesize/articles/z7thd6f

9. A statistician

https://nationalcareers.service.gov.uk/job-profiles/data-analyst-statistician

Real world examples – watch videos and read stories about people who work in careers using **Maths:**

A software engineer – https://nationalcareers.service.gov.uk/job-profiles/software-developer

Computer Game Designer - https://www.ucas.com/ucas/after-gcses/find-career-ideas/explore-jobs/job-profile/computer-games-developer

An architect - https://www.bbc.co.uk/bitesize/articles/z7thd6f

Studying maths at university - https://www.thecompleteuniversityguide.co.uk/subject-guide/mathematics

ENGLISH

Click on the links below to find out more about the different careers available using **English**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Advertising copywriter (produce words for print, TV, radio and online adverts)

https://www.careerpilot.org.uk/job-sectors/sales-marketing/job-profile/advertising-copywriter

2. Commissioning Editor (buy authors, book titles and ideas for publication)

https://www.careerpilot.org.uk/job-sectors/media/job-profile/commissioning-editor

3. Marketing executive

https://www.careerpilot.org.uk/job-sectors/sales-marketing/job-profile/marketing-executive

4. Magazine journalist

https://nationalcareers.service.gov.uk/job-profiles/magazine-journalist

5. Newspaper journalist

https://nationalcareers.service.gov.uk/job-profiles/newspaper-journalist

6. Screenwriter

https://www.careerpilot.org.uk/job-sectors/games/job-profile/screenwriter

7. Publishing

https://www.prospects.ac.uk/jobs-and-work-experience/job-sectors/media-and-internet/how-to-get-into-publishing

Real world examples – watch videos and read stories about people who work in careers using **English:**

A marketing executive - https://www.bbc.co.uk/bitesize/articles/zf4fhbk

An apprentice journalist - https://www.bbc.co.uk/bitesize/articles/z46p8xs

Study creative writing at university - https://www.thecompleteuniversityguide.co.uk/subject-guide/creative-writing

Marketing - https://www.prospects.ac.uk/jobs-and-work-experience/job-sectors/marketing-advertising-and-pr/jobs-in-marketing

A sports journalist - https://www.bbc.co.uk/bitesize/articles/zr3xwty

Freelance writer - https://www.bbc.co.uk/bitesize/articles/zbgc6v4

Study English language at university - https://www.ucas.com/explore/subjects/english

Journalist - https://www.bbc.co.uk/bitesize/articles/z4ykscw

HISTORY

Click on the links below to find out more about the different careers available using **History**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Archaeologist

https://nationalcareers.service.gov.uk/job-profiles/archaeologist

2. Archivist (look after and preserve historical records)

https://nationalcareers.service.gov.uk/job-profiles/archivist

3. Museum curator

https://icould.com/stories/elizabeth-b-3/

4. Legal executive

https://nationalcareers.service.gov.uk/job-profiles/legal-executive

5. Solicitor

https://www.careerpilot.org.uk/job-sectors/property-management/job-profile/solicitor

6. Sub-editor (check written content before it's published in newspapers, magazines and websites)

https://www.careerpilot.org.uk/job-sectors/media/job-profile/sub-editor

7. Secondary school teacher

https://nationalcareers.service.gov.uk/job-profiles/secondary-school-teacher

Real world examples – watch videos and read stories about people who work in careers using **History:**

Partner at a law firm - https://icould.com/stories/anne-marie-p/

Solicitor - https://icould.com/stories/jeremy-p/

A paralegal - https://icould.com/stories/john-d/

Studying history at university - https://www.history.org.uk/higher-ed/resource/5700/what-to-expect-when-you-choose-to-study-history-at

Historical costume designer - https://www.bbc.co.uk/bitesize/articles/zwymjsg

A senior researcher at the BBC - https://www.bbc.co.uk/bitesize/articles/zv33nrd

GEOGRAPHY

Click on the links below to find out more about the different careers available using **Geography**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Cartographer (designing and producing maps such as Google Maps)

https://www.careerpilot.org.uk/job-sectors/software-systems/job-profile/cartographer

2. Overseas aid worker (help people overseas affected by man-made and natural disasters)

https://nationalcareers.service.gov.uk/job-profiles/aid-worker

3. Airline pilot

https://nationalcareers.service.gov.uk/job-profiles/airline-pilot

4. Drone pilot

https://www.careerpilot.org.uk/job-sectors/agriculture/job-profile/drone-pilot

5. Ecologist (study the relationship between plants, animals and the environment)

https://www.careerpilot.org.uk/job-sectors/environment/job-profile/ecologist

6. Quantity Surveyor

https://www.careerpilot.org.uk/job-sectors/on-site/job-profile/quantity-surveyor

7. Seismologist

https://www.careerpilot.org.uk/job-sectors/environment/job-profile/seismologist

8. Town or city planner

https://www.careerpilot.org.uk/job-sectors/design-planning/job-profile/town-planner

9. Diplomatic Service Officer (protect British interests overseas)

https://www.careerpilot.org.uk/job-sectors/government/job-profile/diplomatic-service-officer

Real world examples – watch videos and read stories about people who work in careers using **Geography:**

Studying geology at university - https://www.ucas.com/explore/subjects/geology

Studying geography at university - https://www.rgs.org/geography/choose-geography/geography-at-university/

A city planner for Westminster Borough Council - https://icould.com/stories/nicole-n/

An airline pilot - https://icould.com/stories/jonathan-g/

A helicopter pilot - https://www.bbc.co.uk/bitesize/articles/znbgpg8

Secondary school geography teacher - https://www.bbc.co.uk/bitesize/articles/znbgpg8

A cartographer - https://icould.com/stories/simon-d/

A conservation trainee - https://www.bbc.co.uk/bitesize/articles/zvrv7nb

RELIGIOUS EDUCATION

Click on the links below to find out more about the different careers available using **RE**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Further education lecturer (lecturer at a university)

https://www.careerpilot.org.uk/job-sectors/education/job-profile/further-education-lecturer

2. Psychotherapist (use talking techniques and therapies to help people)

https://www.careerpilot.org.uk/job-sectors/medical/job-profile/psychotherapist

3. Civil Servant (work in different government departments to help carry out policies)

https://www.careerpilot.org.uk/job-sectors/admin-hr-legal/job-profile/civil-service-administrative-officer

4. Public Relations Officer (manage an organisation's public image and reputation)

https://nationalcareers.service.gov.uk/job-profiles/public-relations-officer

5. Primary School Teacher

https://www.careerpilot.org.uk/job-sectors/childcare/job-profile/primary-school-teacher

6. Local government officer

https://www.careerpilot.org.uk/job-sectors/government/job-profile/local-government-officer

Real world examples – watch videos and read stories about people who work in careers using **RE:**

Studying theology at university - https://www.ucas.com/explore/subjects/theology

An outreach pastor - https://www.bbc.co.uk/bitesize/articles/zmg9f4j

A hospital chaplain - https://icould.com/stories/anne-a/

Primary school teacher - https://icould.com/stories/kelly-a/

A Member of Parliament (MP) - https://www.bbc.co.uk/bitesize/articles/z74n6g8

Art and Design

Click on the links below to find out more about the different careers available using **Art and Design**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. Advertising art director

https://www.careerpilot.org.uk/job-sectors/sales-marketing/job-profile/advertising-art-director

2. Animator

https://www.careerpilot.org.uk/job-sectors/design/job-profile/animator

3. Art gallery curator

https://www.careerpilot.org.uk/job-sectors/arts-crafts/job-profile/art-gallery-curator

4. Graphic designer

https://www.bbc.co.uk/bitesize/articles/zhf7qp3

5. Fashion designer

https://nationalcareers.service.gov.uk/job-profiles/fashion-designer

6. Textile designer

https://www.careerpilot.org.uk/job-sectors/design/job-profile/textile-designer

7. User (UX) experience design (create websites and apps to meet consumer needs)

https://www.careerpilot.org.uk/job-sectors/media/job-profile/ux-designer

8. Visual merchandiser (create eye-catching displays in shops)

https://www.careerpilot.org.uk/job-sectors/retail/job-profile/visual-merchandiser

Real world examples – watch videos and read stories about people who work in careers using **Art and Design:**

Studying Fine Art at university - https://www.theuniguide.co.uk/subjects/fine-art

Studying Graphic Design at university - https://www.prospects.ac.uk/jobs-and-work-experience/job-sectors/creative-arts-and-design/graphic-design-courses

A user experience designer - https://www.bbc.co.uk/bitesize/articles/zm2rvk7

A graphic designer at the V&A museum - https://icould.com/stories/joanne-g/

A costume designer - https://icould.com/stories/hannah-l/

An animator - https://icould.com/stories/maxwell-o/

A fashion designer for the high street - https://icould.com/stories/jeni-b/

A computer game modeller - https://icould.com/stories/mark-b-2/

Computer Science

Click on the links below to find out more about the different careers available using **Computer Science**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. App developer

https://www.careerpilot.org.uk/job-sectors/software-systems/job-profile/app-developer

2. Automotive engineer (design, develop, test and build cars and motorbikes)

https://www.careerpilot.org.uk/job-sectors/engineering-design/job-profile/automotive-engineer

3. Computer games developer

https://nationalcareers.service.gov.uk/job-profiles/computer-games-developer

4. Cyber intelligence officer (gather information about threats to IT)

https://www.careerpilot.org.uk/job-sectors/data-network/job-profile/cyber-intelligence-officer

5. IT Director (manage the development of IT systems for organisations)

https://www.careerpilot.org.uk/job-sectors/data-network/job-profile/head-of-it-(it-director)

6. Software engineer

https://www.bbc.co.uk/bitesize/articles/zk32gwx

7. Web designer (design new websites and develop existing ones)

https://www.careerpilot.org.uk/job-sectors/design/job-profile/web-designer

8. Broadcast engineer (make sure TV, radio and online broadcasts run smoothly)

https://www.careerpilot.org.uk/job-sectors/media/job-profile/broadcast-engineer

Real world examples – watch videos and read stories about people who work in careers using **Computer Science:**

Study electronic engineering at university - https://www.ucas.com/explore/subjects/electrical-and-electronic-engineering

Study computer science and AI at university (with industry placements) - https://www.theuniguide.co.uk/university-of-sussex-s90/courses/computer-science-and-artificial-intelligence-with-an-industrial-placement-year-bsc-hons-2021-db9ddffe82ea

Study Computer Games Programming at university - https://www.unifrog.org/student/subjects/featured/computer-games-design-and-games-programming

Cyber Security apprentice - https://www.bbc.co.uk/bitesize/articles/zjvf2sg

A software engineer - https://nationalcareers.service.gov.uk/job-profiles/software-developer

A coder - https://www.bbc.co.uk/bitesize/articles/zmq3jhv

An app developer - https://www.bbc.co.uk/bitesize/articles/zhgn92p

Modern Foreign Languages (MFL)

Click on the links below to find out more about the different careers available using **MFL**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. English as a foreign language (EFL) teacher

https://www.careerpilot.org.uk/job-sectors/education/job-profile/efl-teacher

2. Events manager (organise and run business, promotional and social events)

https://www.careerpilot.org.uk/job-sectors/events/job-profile/events-manager

3. Cabin crew

https://www.careerpilot.org.uk/job-sectors/food-drink/job-profile/cabin-crew

4. Translator (translate written words into another language)

https://www.careerpilot.org.uk/job-sectors/wellbeing/job-profile/translator

5. Interpreter (convert spoken word from one language to another)

https://nationalcareers.service.gov.uk/job-profiles/interpreter

6. Speech and Language Therapist

https://nationalcareers.service.gov.uk/job-profiles/speech-and-language-therapist

Real world examples – watch videos and read stories about people who work in careers using **MFL:**

1. Studying languages at university:

Language degrees: https://www.timeshighereducation.com/student/subjects/what-can-you-do-languages-degree

Spanish and Chinese - https://www.theuniguide.co.uk/university-of-manchester-m20/courses/spanish-and-chinese-ba-hons-2021-a5e4d916b7ff

Arabic - https://www.whatuni.com/degree-courses/search?subject=arabic

French - https://www.unifrog.org/student/subjects/keywords/french-and-french-studies

2. Studying different cultures at university:

Middle eastern Studies - https://www.ed.ac.uk/literatures-languages-cultures/islamic-middle-eastern

Japanese studies - https://www.jpf.org.uk/japanesestudies/links.php

BA Arabic Studies - https://www.soas.ac.uk/nme/programmes/baarabic/

Italian studies - https://www.thecompleteuniversityguide.co.uk/league-tables/rankings/italian

Physical Education (PE)

Click on the links below to find out more about the different careers available using **PE**. You will find out entry requirements, university and apprenticeship opportunities, average salaries and much more!

1. PE teacher

https://www.careerpilot.org.uk/job-sectors/education/job-profile/pe-teacher

2. Personal Trainer

https://www.careerpilot.org.uk/job-sectors/leisure/job-profile/personal-trainer

3. Physiotherapist

https://nationalcareers.service.gov.uk/job-profiles/physiotherapist

4. Sports and exercise phycologist (work with athletes and teams to improve performance)

https://www.careerpilot.org.uk/job-sectors/wellbeing/job-profile/sport-and-exercise-psychologist

5. Sports scientist (use knowledge of how the body works to improve sporting ability)

https://www.careerpilot.org.uk/job-sectors/sports/job-profile/sports-scientist

6. Soldier

https://www.bbc.co.uk/bitesize/articles/z6rjgwx

7. Firefighter

https://www.bbc.co.uk/bitesize/articles/z6n3mfr

8. Sport commentator

https://www.unifrog.org/student/careers/keywords/sports-commentator

9. Football referee

https://nationalcareers.service.gov.uk/job-profiles/football-referee

Real world examples – watch videos and read stories about people who work in careers using **PE:**

Study Sport Science at university - https://www.youtube.com/watch?v=BaH07U8BV0s

Study Anatomy at university - https://www.theuniguide.co.uk/subjects/anatomy

A Personal Trainer - https://www.bbc.co.uk/bitesize/articles/z6hqvk7

A rope access trainee - https://icould.com/stories/james-m/

A PE teacher - https://icould.com/stories/matt-c/

Sheffield United Marketing Manager - https://icould.com/stories/sarah-s/

A football coach - https://www.bbc.co.uk/bitesize/articles/zhs2bdm

A physiotherapist - https://www.bbc.co.uk/bitesize/articles/zr3b7nb