



South Lincolnshire

Academies Trust

Careers Education

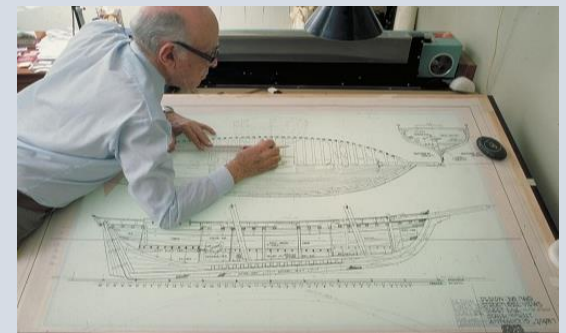
JOB
OF THE WEEK

Aspire | Challenge | Achieve

JOB

OF THE WEEK

Our Job of the week this week is an
Architect



Job of the Week – Architect

WHAT YOU DO

- Create hand sketches, 3D models and detailed technical plans using computer aided design (CAD) software
- Create a plan, following building laws and safety regulations
- Find cost-effective ways to work within budgets
- Manage construction projects
- Choose or advise on materials
- Visit sites to check building work and progress
- Communicate and share ideas with clients, other architects, and architectural technologists and technicians
- Write reports and job proposals and complete planning

SKILLS REQUIRED

- Design skills and knowledge
- Knowledge of building and construction
- To be thorough and pay attention to detail
- Thinking and reasoning skills
- Customer service skills
- Excellent verbal communication skills
- Analytical thinking skills
- The ability to use your initiative
- To be confident with a PC and software packages

WHAT YOU WEAR

Office wear or you may need to wear protective clothing.



WORKING CONDITIONS

You could work in a creative studio, in an office or visit sites.

WORKING HOURS

35-40
Evenings, weekends

ANNUAL LEAVE

28 Days

ANNUAL INCOME

Starter £27,500
Experienced £90,000



EDUCATION & EXPERIENCE

University

You'll need to complete:

a degree recognised by the Architects Registration Board (ARB)

- a year of practical work experience
- a further 2 years' full-time university course like BArch, Diploma, MArch
- a year of practical training
- a final qualifying exam

Many course providers will also want to see a portfolio of your drawings and sketches.

Entry requirements

You'll usually need:

- 5 GCSEs at grades 9 to 4 (A* to C), or equivalent, including English, maths and science
- 2 to 3 A levels, or equivalent, for a degree

Apprenticeship

You can get into this role through an architect degree apprenticeship.

Entry requirements

You'll usually need:

4 or 5 GCSEs at grades 9 to 4 (A* to C) and A levels, or equivalent, for a higher or degree apprenticeship

Labour Market Information

In the Careers section of the school website you can find the useful comparison tool the 'Labour Market Information widget'

Use the widget to compare different job roles in any employment sector or relating specifically to the 'Job of the Week'.

| Architects | Architectural and town planning technicians | Draughtspersons | | | | | | | | | | | | |
|--|--|--|--|--------------------------|--|--|------------------------------|-----------------------------|--------------------------|--|---------------------------|------------------------------|--------------------------|--------------------------|
| <table border="0"> <tr> <td>Weekly Pay £720</td> <td>Annual Pay £37,440</td> </tr> <tr> <td>Hours/Week 32h</td> <td>Hourly Pay £23</td> </tr> </table> | Weekly Pay £720 | Annual Pay £37,440 | Hours/Week 32h | Hourly Pay £23 | <table border="0"> <tr> <td>Weekly Pay £530</td> <td>Annual Pay £27,560</td> </tr> <tr> <td>Hours/Week 35h</td> <td>Hourly Pay £15</td> </tr> </table> | Weekly Pay £530 | Annual Pay £27,560 | Hours/Week 35h | Hourly Pay £15 | <table border="0"> <tr> <td>Weekly Pay £540</td> <td>Annual Pay £28,080</td> </tr> <tr> <td>Hours/Week 34h</td> <td>Hourly Pay £16</td> </tr> </table> | Weekly Pay £540 | Annual Pay £28,080 | Hours/Week 34h | Hourly Pay £16 |
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| <p>Workforce Change (projected)</p> <table border="0"> <tr> <td>Growth 7.2%</td> <td>Replacement 56.9%</td> </tr> </table> <p>The workforce is projected to grow by 7.2% over the period to 2027, creating 4,700 jobs. In the same period, 56.9% of the workforce is projected to retire, creating 37,700 job openings.</p> | Growth 7.2% | Replacement 56.9% | <p>Workforce Change (projected)</p> <table border="0"> <tr> <td>Growth 1%</td> <td>Replacement 43.2%</td> </tr> </table> <p>The workforce is projected to grow by 1% over the period to 2027, creating 300 jobs. In the same period, 43.2% of the workforce is projected to retire, creating 11,300 job openings.</p> | Growth 1% | Replacement 43.2% | <p>Workforce Change (projected)</p> <table border="0"> <tr> <td>Growth 1%</td> <td>Replacement 43.2%</td> </tr> </table> <p>The workforce is projected to grow by 1% over the period to 2027, creating 500 jobs. In the same period, 43.2% of the workforce is projected to retire, creating 20,600 job openings.</p> | Growth 1% | Replacement 43.2% | | | | | | |
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| <p>You might find this job in</p> <ul style="list-style-type: none"> Architectural & related Services to buildings Membership organisations Specialised construction | <p>You might find this job in</p> <ul style="list-style-type: none"> Architectural & related Public admin. & defence Construction Membership organisations | <p>You might find this job in</p> <ul style="list-style-type: none"> Architectural & related Specialised construction Metal products Employment activities Other professional | | | | | | | | | | | | |
| More info | Clear card | More info | Clear card | | | | | | | | | | | |

Architects

Architects plan and design the construction and development of buildings and land areas with regard to functional and aesthetic requirements.

Common tasks in this job:

- liaises with client and other professionals to establish building type, style, cost limitations and landscaping requirements;
- studies condition and characteristics of site, taking into account drainage, topsoil, trees, rock formations, etc.;
- analyses site survey and advises client on development and construction details and ensures that proposed design blends in with the surrounding area;
- prepares detailed scale drawings and specifications for design and construction and submits these for planning approval;

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Architectural and town planning technicians

Architectural and town planning technicians perform a variety of technical support functions to assist architects and planners with the design of buildings and the layout of urban and rural areas.

Common tasks in this job:

- investigates proposed design with regard to practicality, cost and use;
- prepares building plans, drawings and specifications for use by contractors;
- liaises with engineers and building contractors regarding technical construction problems and attends site meetings on behalf of architect;
- surveys land and property uses and prepares report for planning authority;

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Draughtspersons

Draughtspersons prepare technical drawings, plans, maps, charts and similar items.

Common tasks in this job:

- examines design specification to determine general requirements;
- considers the suitability of different materials with regard to the dimensions and weight and calculates the likely fatigue, stresses, tolerances, bonds and threads;
- prepares design drawings, plans or sketches and checks feasibility of construction and compliance with safety regulations;
- prepares detailed drawings, plans, charts or maps that include natural features, desired surface finish, elevations, electrical circuitry and other details as required;

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To compare the Labour Market Information of different job roles that you might be interested in please visit the Careers section on the school website.

JOB

OF THE WEEK

Click on the website links to research the job role further:

<https://nationalcareers.service.gov.uk/job-profiles/architect>

<https://www.careeraddict.com/become-architect>

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

<https://successatschool.org/advisedetails/812/how-to-become-an-architect>

<https://icould.com/?s=architect>

<https://www.prospects.ac.uk/job-profiles/architect>

<https://www.ucas.com/ucas/after-gcses/find-career-ideas/explore-jobs/job-profile/architect>