



Assessment
& Education

Transforming Numeracy in your field from Fear to Friend



About SN@P Assessment & Education

SN@P Assessment & Education is an online certification and training provider specialising in profession tailored numeracy.

At SN@P we work in partnership with UK wide Access to Higher Education & Apprenticeship programmes, Adult & Young Peoples Careers Advisory Teams, Pre-Registration Healthcare programmes and NHS Service Providers to offer excellent numerical support services to both staff and learners through the facility of a dual operating diagnostic assessment and education platform.

Supported and recognised by Health Education England, SN@P Assessment offers awarding organisations certification of numerical competency through the use of standardised profession specific questions, whilst SN@P Education supports skill building and development through the use of specialised numerical programmes.

Supporting

[FE College Healthcare Trainee / Apprenticeships, Diplomas and Access to HE programmes:](#)

- Supporting applicants as they prepare for pre-entry interviews and assessments
- Offering Academic staff a robust online assessment platform with content aligned to government set criteria
- Keeping apprentices 'in post' through offering anytime anywhere numerical courses and training

[Higher Education Nursing, Medical & Pharmacy Schools](#)

- Skill building numeracy tailored to an applicant's or learner's chosen profession
- Assessments standardised to the requirements of the profession
- Fully contextualised examination and education resources

[Secondary Education Careers Advisory Teams](#)

- Supporting career related decisions for young people and adults
- Providing insight into the level and context of numeracy required to study and work within the Health profession

[Employment Unions](#)

- Supporting CPD for registered union members looking for skill development and career progression

[NHS Employers](#)

- Developing skills and opportunities for the NHS support workforce
- Assuring employers of numerical competence for newly qualified and existing staff



SN@P-Qual (Coming soon.....)

(Applicable for NHS Employers/Higher Education Institutes/FE Colleges/ Academies/ Schools)

Discussing pre-entry assessment regulation with:



At SN@P, we are continuously looking to explore new areas that the profession tailored resources can be applied in order to support new/existing learners but also reduce workload and improve efficiency for NHS Employers and Educators.

As part of our efforts to maintain this ethos, SN@P are currently looking to offer further support to the recruitment and selection processes within **NHS Employers** and **Higher Education Institutes**. Currently, NHS Employers and HEI's are assessing numerical competence of newly qualified band 5 staff and course applicants on the day of an interview. The paper based approach presents additional workload for the recruiting organisation and assessments comprise of broad numerical content.

SN@P are in discussion with Health Education England and accredited test centre providers to introduce **SN@P-Qual Academic**, a **HEE regulated standardised pre-admission screening assessment** to provide:

- Higher Education Nursing, Midwifery and NMP programmes and NHS employers with a pre-admissions numerical assessment to support short listing and screening of applicants for course/job interviews.
 - **SN@P-Qual Academic: Pre-entry level 2 admissions screening assessment for**
 - **HE Undergraduate Nursing & Midwifery programmes** (general numeracy)
 - **NHS Employers recruiting UK and International staff at band 5 and above** (clinical numeracy)

➤ Key benefits include:

- The test helps Universities and Employers to make more informed choices from amongst the many applicants who meet pre-requisite qualifications to Nursing, Midwifery and NMP programmes.
- Reduction in workload for education providers and employers during recruitment and selection cycles
- Standardisation of numerical assessments for UK / International applicants to Higher Education & NHS employers
- Applicants only have to sit one exam rather than travel to each individual prospective institution / employer.

Discussions with various **FE Colleges** and **Service Providers** suggests that traditional qualifications such as GCSE and Functional Skills pose obstacles and deter the NHS support workforce, school leavers and job seekers from entering into the Health profession. At SN@P, we are in discussions with CPD Certification, Health Education England and the National Skills Academy's Apprenticeship Training Agency, to seek endorsement and publication of **SN@P-Qual Professional Development (PD)**, an **industry specific pre-entry level 1 and level 2 Certificate in Numeracy for Health Careers**

- **SN@P-Qual PD: Pre-entry Level 1 & 2 Certificate in Numeracy for Health Careers** (for aspiring Health learners / employer & provider assurances)
 - **Numerical Validation Certificate** (e.g. Support worker to Apprentice) &
 - **Numerical Re-Validation Certificate** (e.g. Staff Nurse to Non-Medical Prescriber)

➤ Key benefits include:

- Offer NHS employers, Education providers and their respective support workforce and learners the opportunity to internally validate numerical readiness as well as build confidence to progress on to an intermediate, advanced or higher level apprenticeship through the use of an CPD Certified and published assessment
 - E.g. **Clinical support worker to Intermediate or Advanced Apprentice / Applicant to HE Health & Social Care programmes**
- Offer NHS employers and their respective newly qualified and existing clinical staff the opportunity to re-validate their numerical competence and confidence through a CPD Certified and published level 1 or 2 certificate in numeracy for health careers.
 - E.g. **Staff Nurse to Non-Medical Prescriber**
- Access to SN@P-Qual PD for aspiring Healthcare learners to independently certify their numerical competence to support future decisions to pursue a Healthcare career
 - **School Leavers, General Public, NHS Support Workforce, Support with Career change**

SN@P Education

*Developing Skills
to Support
Achievements*

- **Develop your skills through accessing learning resources tailored and contextualised to numeracy required to study / work within your chosen field**
- **Diagnose areas for improvement via SN@P Assessment and improve via SN@P Education:-**
 - **Podcasts & live demonstrations**
 - **eLearning interactive modules**
 - **e-Tutorials with subject experts**

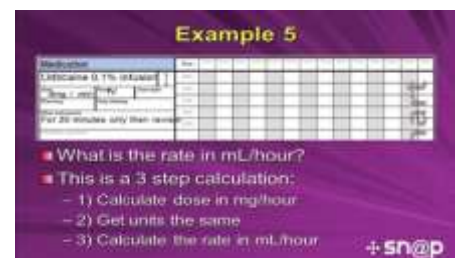
E-Tutorials with dedicated subject experts accessible via desktop, mobile & tablet



What they say...

- "I PASSED my numeracy! Huge thanks to SN@P Education!!"
- "My tutorial filled me with confidence!"
- "I will definitely come back to SN@P Education"
- "Friendly, easy to use service"
- "Supports you in your profession and I could do it from home!"

SN@P Education offers a digital platform of numerical resources contextualised to the aspects of numeracy required to study and work within the Health profession. The resources are tailored and contextualised to learner's level and professional.



Profession Tailored



At SN@P, we maintain an ethos of delivering numerical assessment and education resources that are tailored to the context and level of difficulty relevant to the learner’s profession. There are a plethora of resources available to support mathematics, however, SN@P focuses learning to the relevant aspects of numeracy the learner requires to be numerically confident and competent within their chosen field.

As SN@P works primarily across the Health Sector, all numerical resources are tailored to the aspects of numeracy applicants, learners and professionals within the Health industry require, i.e.

- Conversions
- Fractions
- Measurements
- Percentages
- Clinical tablet, IV and liquid drug administration

Standardisation

SN@P Assessment & Education is able to offer Further/Higher Education and Service providers within a specific region assurances of standardized numerical assessments. All numerical content within SN@P goes through rigorous quality assurance channels prior to being made available to registered SN@P users. Once available, educators and learners can be assured that they are assessing their students or staff at the same numerical level and professional context as their partner providers.

All profession tailored, general and entry level numeracy are categorised into fields which enable educators and learners to create tailored summative and mock assessments standardized in level and context

Question	Level	Type	Area	Specimen
<input type="checkbox"/> A patient has been prescribed 500mg Amoxicillin PO. The stock does a 10mg/5ml. What volume would you administer?	2	Liquid	Adult	Nursing
<input type="checkbox"/> A patient has been prescribed 1g Amoxicillin PO. The stock does a 500mg/5ml. How many tablets would you administer?	2	Tablets	Adult	Nursing
<input type="checkbox"/> A patient requires 1g Amoxicillin PO. The stock does a 10mg/5ml. What volume would you administer?	2	Liquid	Adult	Nursing

SN@P Assessment



SN@P Assessment offers an easy to use, robust online solution for numerical assessments within Higher Education Institutes, Colleges and Healthcare providers. The online platform provides:

- Tailored assessments to be created comprising of SN@P contextualised content or customised content to the user Organisation
- Creation of mock or formal examinations to be used within teaching plans or module assessments
- Quality monitoring platform enabling educators to generate benchmarked reports and monitor progress
- Auto population of results from SN@P into internal learning management systems such as Moodle, ESR etc.

Numerical Certification for:

- **Healthcare Trainee / Apprenticeships, Diplomas and Access to HE Health programmes**
- **Nursing, Medical & Pharmacy Schools**
- **Young people and Adult Careers Advice Services**
- **Employment Unions**
- **NHS Employers**

Step 1: Create tailored assessments

- Meet government set requirements through creating summative exams and mock papers specifying the calculations you would like to see within your assessments

Auto-populate internal databases with assessment results



Step 2: You're all done!

Your exam is ready for use!!

- Use your exam for your summative assessments online by clicking a button and displaying your unique assessment code on screen in the exam room. Students/staff enter the code from the front screen of SN@P, no need to log in!
- Ask your students/staff to complete a mock paper or summative exam independently by sending the code via email or dropping it into internal student/staff forums such as Blackboard/Moodle or internal learning management hubs

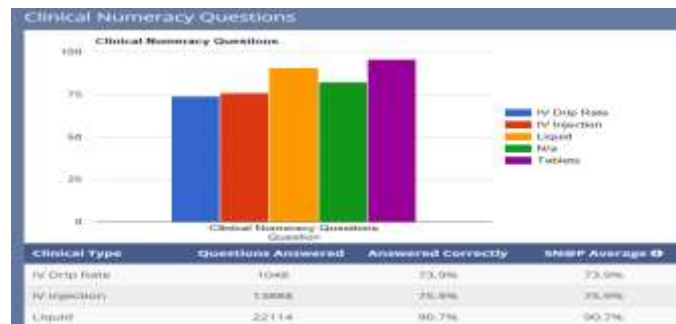
Quality Monitoring



Access the SN@P Quality Monitoring platform from your registered administrator's dashboard to support internal governance reports with numerical trend data over time

- Learner Reports >>
- Assessment Reports >>
- Assessment Grades >>
- New Accounts >>
- Questions Stats >>
- Profession Tailored Questions >>
- General Questions >>

Specify the information you are looking to acquire through selecting the appropriate report. Alternatively, generate and export a quarterly report to provide an overview of performance and key themes to education governance leads within your Organisation



Cause analysis on assessment results

- Identify key themes across completed assessments
- Diagnose specific areas for future teaching plans
- Identify whether your learners lacked Competence of Confidence through the use of the SN@P Confidence report

Access exam statistics/feedback

- Volume of assessments completed
- % of assessments passed
- % of assessments failed
- Average mark achieved

Failed assessments happen...understand why!



Performance Analysis reports

- Identify how each core skill contributed to overall results
- Identify specific questions which resulted in fail rate
- Establish 'why' your learner's had difficulty in the areas identified
 - Lack of confidence?
 - Lack of understanding regarding the numeracy in context?
 - Lack of understanding regarding the calculations required?
- Generate learner or group specific reports to support learning, teaching and progression

Tell us about your answer

I am confident that the above answer is correct for this question?

Wrongly Agree | Agree | Neither agree nor disagree | Disagree | Strongly Disagree

I understand the context of this question?

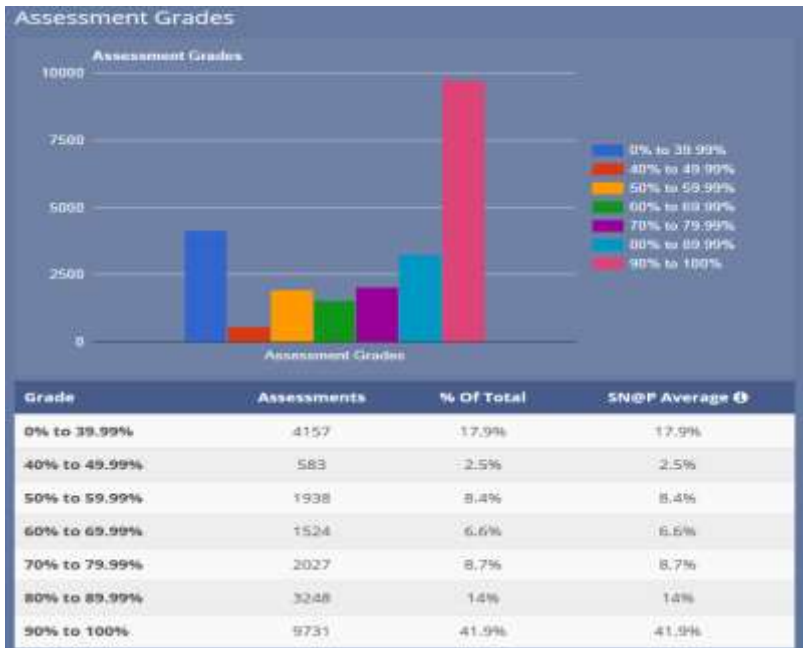
Strongly Agree | Agree | Neither agree nor disagree | Disagree | Strongly Disagree

I understand the calculation(s) required to answer this question?

Strongly Agree | Agree | Neither agree nor disagree | Disagree | Strongly Disagree

(Likert rating scale)

SN@P-Statistics



Regional averages **following** introduction of SN@P Education in 2014:

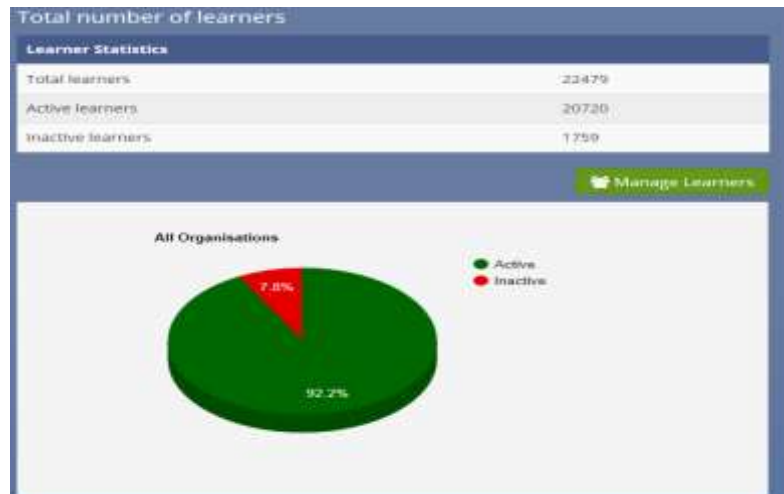
- Highest volume of registered learners achieving marks of 90% and above in the last quarter
- 60% of all registered learners achieving a mark of 80% and above

Regional averages **prior** to introduction of SN@P Education in 2014:

- Highest volume of registered learners achieving within the 60% - 69.99% bracket
- 28% of all registered learners achieving a mark of 80% and above

Total no. of learners:

- Over 92% of our valued registered learners fully active and utilising the online tailored numerical resources for:
 - Skill building
 - Interview preparation
 - Exam preparation
 - Certification



Core data captured during SN@P lifecycle	
Volume of learners passing a numeracy assessment first time following use of SN@P Education resources	95% of all users passing their SN@P Assessment first time
Average number of completed numeracy assessments passed within user organisations before the introduction of SN@P in 2011 (FE/HE/NHS)	40% of all completed assessments were passed
Average number of completed assessments passed within user organisations to date (FE/HE/NHS)	71% of all completed assessments passed
Average mark achieved across all completed numeracy assessments within user organisations before the introduction of SN@P in 2011 (FE/HE/NHS)	45% was the average mark achieved regionally for completed assessments region wide
Average mark achieved for completed assessments within user organisations to date (FE/HE/NHS)	78% is the average mark achieved across all completed assessments region wide

Working partnerships

SN@P are working with the **National Skills Academy for Health** to offer NHS employers and their partner training providers with access to the profession tailored and healthcare contextualised numeracy resources. Employer partners within the recently formed UK Excellence Centre Network can introduce the resources to up-skill and develop numerical confidence and competence of their support workforce.



In addition to numerical training and development, SN@P can support recruitment processes and CPD of Clinical / Non-Clinical staff within the EC employer partners, through offering SN@P-Qual Professional Development and SN@P-Qual Academic level 1 and level 2 certification.
(see page 3)

Registered with the **Open and Distance Learning Quality Council** for review to gain accreditation as a distance learning training provider delivering:



- Online course material to be completed at learner's own pace
- Virtual webinars and tutorial support for applicants, students and qualified professionals
- Performance analysis feedback to benchmark progress
- Formal assessments facilitated within;
 - Learner's employer organisation or education provider
 - SN@P satellite test centre for pre-admission screening to Higher Education and NHS Employers

SN@P are working with the UK **CPD Certification Service** to be reviewed for gaining accreditation for:



- **SN@P-Qual Professional Development Certificate at level 1 and level 2**

Accreditation will provide assurances and confidence to aspiring and existing NHS employees looking to certify their readiness to progress

SN@P are working with Health Education England to be reviewed for gaining endorsement and validation for:



- **SN@P-Qual Academic pre-admissions screening assessment for Nursing & Midwifery programmes**

Accreditation will provide assurances and confidence for Higher Education Institutes and NHS employers in the validity of the standardised pre-admissions numeracy assessment



SN@P are working with Blackboard Learn to review possibilities of becoming a resource within the Bb catalogue of eLearning resources supporting Academic staff and Learners within Further/Higher Education

How it Works

SN@P Education: <https://www.youtube.com/watch?v=dP2ehAdTiw4>

SN@P Assessment for learners: <https://www.youtube.com/watch?v=5vd9LhBT9ak>

SN@P Account: *getting the most as a learner:* <https://www.youtube.com/watch?v=pdga2ZeFJG4>

SN@P Assessment: https://www.youtube.com/watch?v=2n_TLY7tXOY

SN@P Quality Monitoring Platform: <https://www.youtube.com/watch?v=kkihTVz9yWs>

SN@P Services

As part of our ethos to ensure all registered learners and Organisation have the best possible online experience, SN@P Services is our first line support helpline available for Organisation or individual learner support via the following means:

Phone: 01925 534091 (8:30am to 5pm, Mon - Fri)

Email: info@snap-services.org (24 hour response time)

Website: www.snap-services.org

Address: Clatterbridge Health Park
Bebington
Wirral
CH63 4JY



The screenshot shows the SN@P website homepage. At the top, there is a navigation bar with the SN@P logo on the left and contact information (phone number 01925 534091, email info@snap-services.org, and a link to [Login / Register](#)) on the right. Below the navigation bar is a main banner area with a background image of a person's hands holding a tablet. The banner text reads "Supporting Aspiring & Existing Professionals" and lists three categories: "Healthcare Professionals", "University Students", and "Access To Health". Below the banner is a section titled "WELCOME TO SN@P ASSESSMENT & EDUCATION" which contains four tiles: "WORKING WITH HEALTHCARE PROVIDERS" (with an NHS logo), "SUPPORTING SCHOOLS, COLLEGES & UNIVERSITIES", "E-TUTORIALS FOR REGISTERED LEARNERS", and "NUMERACY TAILORED TO YOUR PROFESSION" (with a question mark icon).