

Alder Hey Education

MATHEMATICS

INTENT

What is the curriculum aim / vision for this subject?

- To prepare our pupils for their continuing maths education post discharge and on return to their home school
- To help our pupils conserve and/or regain or increase their knowledge and understanding of their mathematical learning
- To give our pupils opportunities to fill any gaps in their learning
- To give all of our pupils opportunities to access the subject

What do we expect hospital students to get from this subject?

- The confidence to participate in the subject
- Enjoyment of the subject.
- To achieve to the best of their potential
- To be equipped with the numeracy skills that will help them to be successful learners
- To be equipped with the numeracy skills that will help them to be successful employees

IMPLEMENTATION:

How does learning develop during the hospital admission?

- Wherever possible students are initially assessed using either/or/both formal and informal methods e.g. quizzes, low-threat questioning, self-testing
- Wherever possible pupils follow the scheme of learning from their home school
- Where applicable pupils follow the targets as detailed on their EHCP
- Pupils follow a scheme of learning as detailed in their individual targets and planning, making use of White Rose Maths where applicable.
- Individual planning will include a focus on topic specific vocabulary and will interweave planned repetition
- Objectives and schemes of learning will be age and/or level appropriate and will be taken from Early Years stages of learning, National Curriculum, Unit Awards and GCSE schemes of work and will be sequential.
- Pupils are supported in learning mathematical concepts with practical and visual aids, where appropriate.

What principles have guided our decision making in developing this curriculum? What is distinctive about our curriculum?

- 1-1 teaching at the bedside and in the classrooms
- Environmental limitations
- Small class sizes, individual planning and targets for each pupil
- Supporting pupils when their medical needs regress, progress or improve
- Supporting pupils with changing cognition and fluctuating mental health needs

How is the curriculum supplemented or enriched by other approaches to learning?

- Activities linked to 'cultural capital' where appropriate including off-site educational visits and life-skills related topics
- LSA support
- I.T resources

IMPACT:

What forms do assessments take? What is the purpose of assessment?

Formative assessment

- Contact with home school to gain pupils prior knowledge and curriculum levels
- Revision exercises
- Teacher observation / questioning
- Diagnostic questioning and quick quizzes.
- Progress tasks
- ERS

Summative assessment

- Assess progress made during inpatient admission
- Accreditation schemes including AQA unit awards and functional skills
- Questioning conducted to inform necessary intervention, targeted revision and teacher planning
- Progress may be reported to parent/carer, home school and/or medical team

How do we know if we have a successful curriculum?

- Pupil and parental voice.
- Pupil progress
- Learning walks, lesson observation, ERS.
- Scrutiny of pupil work.
- Enhanced pupil confidence and engagement

- Pupils are prepared and ready for transition to their home school, alternative educational establishment or alternative medical establishment
- The skills learnt will enhance their employability status