

YEAR 8

Mathematics Faculty

Head of Faculty: Mrs H Lopez

T1

1. Numbers : This unit extends the idea of place value and introduces rounding to 1 significant figure. It concludes with checking strategies.
2. Angles : This section is concerned with the angle properties of triangles, quadrilaterals and polygons. It concludes with alternate, corresponding and supplementary angles.
3. Fractions & Ratio : This section takes work on fractions to a higher level of difficulty. All four rules of number are included. Ratios are developed and put to use in real-life situations.
4. Probability : Introduces the idea of expected probability where events are equally likely. It highlights that the sum of probabilities must be 1 if all outcomes are covered. Experiment is used to determine probabilities where the expected probability is not known.
5. Decimals : Continues work with decimals to using all four rules of number. It includes rounding and significant figure and their use, and converting between fractions and decimals.
6. Percentages : This unit covers finding the percentage of amounts and applying the skill to other relevant areas. It also includes writing one amount as a percentage of another.
7. Positive and negative numbers: This unit covers ordering numbers, using the number line and applying the four operations of numbers.

Topic tests, mental maths and progress test

T2

Students will cover the following topics

- | | |
|----------------------------|--|
| Number patterns | : Exploration of number sequences and finding a general rule for a linear sequence. |
| Working with algebra | : Basic rules of algebra to cover indices, factorizing and rearranging formulae. |
| Transformations | : Introduces enlargement and extends to rotations and reflections. |
| Graphs | : Coordinates in all 4 quadrants, conversion graphs. Representing mappings expressed algebraically, work on gradient and intercept and plotting lines. |
| Handling data | : Collection of data and constructing frequency diagrams, pie charts and scatter graphs, lines of best fit. |
| Shape & Measure | : Language of circles, constructions, nets. Metric and imperial measure. |
| Perimeter, area and volume | : Introduction of pi, areas and circumference of circles. |

Topic tests, mental maths

T3

Students will be studying the following:

- Handling Data : Collection of data and constructing frequency diagrams, pie charts and scatter graphs, lines of best fit.
- Formulae and equations: This unit develops the writing and solving of linear equations. It also extends the ideas to inequalities and concludes with trial and improvement.
- Perimeter, area and volume: This covers areas of triangle, kite, trapezium and parallelogram. Areas of simple composite shapes. Concludes with volumes of cuboids and cylinders.
- Averages: Starts with a review of averages and range and then concentrates on finding the mean and median of discrete data from frequency tables.
- Pythagoras theorem : This unit is a full consideration of Pythagoras theorem and its application in 2D. This includes Perigal's dissection as a demonstration and finding the distance between 2 points on a coordinate grid.
- Geometric reasoning

Topic tests, mental maths, final exam

English Faculty

Head of English: Ms A Owen

Year 8 students will study all of the following at different times throughout the year.

Whole Class Text: R.L. Stevenson, a twentieth century novel and a variety of myths and legends from various cultures will be read. Students will be encouraged to respond creatively, empathetically and analytically to the characters, plot and themes of the text.

Knowledge About Language: Gaining an awareness of the power of the written word used persuasively and emotively, examining a variety of examples and producing their own pieces of persuasive writing.

Poetry: Studying a range of poetry from various cultures and time periods. Students will analyse the writing techniques as well as be encouraged to experiment with more complex literary devices in their own writing.

Drama: Students will look at the Drama genre through studying Shakespeare's Macbeth. They will also be encouraged to use their skills to bring various texts to the stage through practical work.

Non-Fiction/Media: Examining a range of informative texts focusing on methods of explanation, clear instructions, layout and presentation, unbiased language, audience and

purpose. Factual leaflets or informative books will be read and discussed as models, with students producing their own versions as a result of this study.

Speaking and Listening 1: Performing for an Audience. In interpreting and presenting a text, students will look at use of dialogue, movement and pace to convey action, character, tension, humour, clarity and volume of speech. Students will be encouraged to evaluate their own performances as well as those of other students.

Speaking and Listening 2: Class debate. Developing group speaking and listening skills such as negotiation, compromise, questioning, interrupting, responding, giving opinions and offering solutions to problems.

Examination: Students will also be prepared for the end of academic year examination which will test reading and writing skills.

Assessment Methods: Formal assessments take the form of written responses which will be based on a text or be a piece of re creative writing. Some of these will be completed in class and some will be set as extended pieces done for homework. As speaking and listening is also such an important element of language acquisition and understanding, some speaking activities are formalised and assessed in class.

Science Faculty
Head of Faculty: Ms N Mason

Science

T1

At Key Stage 3 (Years 7 to 9) we now follow the Checkpoint course designed by Cambridge Examining Board. The course is designed to be activities based and all lessons take place in laboratories. Topic order will vary with class. Science in Year 8 is taught in tutor groups

Topics covered this term will be:

- Elements & compounds (chemistry)
- Microbes & disease (Biology)
- Light & sound (Physics)

T2

The following topics will be covered this term:

- Chemical reactions (Chemistry)
- Plant nutrition (Biology)

- Energy Transformations (Physics)

T3

- Forces & motion- speeding up (Physics)
- Breathing, circulation & respiration
- Reactions of metals & non-metals (Chemistry)

Assessment

Students will be assessed throughout the year via classwork activities, homework projects and end of unit progress reviews.

Modern Foreign Languages Faculty

Head of Faculty: Miss G Bruce

French

Head of French: Gianfranco Conti

T1

The students will complete units 1 and 2 in METRO 2. They will practise the four language skills across the following topic areas, situations and communicative functions: talking about oneself and recent past events; daily routine; clubbing; making arrangements to go out; talking about going to the cinema. They will expand their knowledge of the Perfect tense in French and will get acquainted with the basic forms of the conditional tense.

T2

The students will complete units 3 and 4 in METRO 2. The students in the middle/top set will practise the four language skills across the following topic areas, situations and communicative functions: talking about family, friends, one's favourite things, parts of the body and health issues; describing meals; shopping for and ordering food; describing a day in the past. They will practise the present, perfect and imperfect tenses in the process.

T3

The students will complete the whole of unit 5 and part of unit 6 in METRO 2. The students in the middle/top set will practise the four language skills across the following topic areas, situations and communicative functions: arranging a visit; talking about how to get to places; getting to know Paris; talking about what one has done on a trip; choosing a youth hostel; making a reservation, understanding instructions. They will practise the present, perfect and future tenses in the process.

Spanish

Head of Spanish: Mr N McKenna

T1

Students will continue to work from their Listos 1 textbook until the end of the calendar year.

They will study:

Module 5: My Home Town

- Saying where you are going
- Giving and understanding directions
- Describing the locations of places in a town
- Talking about distance
- Talking about what your town is like
- Talking about the weather

Throughout the topic, students comprehension will be assessed through spoken, reading and listening activities in class and weekly written homeworks. At the end of study for this module there will be an assessment comprising of listening activities, spoken activities, reading activities and extended writing.

Module 6: Free Time

- Talking about sports
- Talking about what activities you do in your free time
- Talking about what you do during the weekend and at weekends
- Arranging to go out
- Saying what you are going to do at the weekend
- Saying how you help out at home

Throughout the topic, students comprehension will be assessed through spoken, reading and listening activities in class and weekly written homeworks.

T2

All students will continue with the Listos course this term. All students will be required to purchase Listos 2 Rojo to continue the course. The course will focus on the following topics.

Listos 1

Module 6: Free Time

- Talking about sports
- Talking about what activities you do in your free time
- Talking about what you do during the weekend and at weekends
- Arranging to go out
- Saying what you are going to do at the weekend
- Saying how you help out at home

By the end of the unit, it is expected that students will have encountered and understood both regular and irregular present tense verbs in Spanish and will be able to use them expertly.

Throughout the topic, students comprehension will be assessed through spoken, reading and listening activities in class and weekly written homeworks. At the end of study for this module there will be an assessment comprising of listening activities, spoken activities, reading activities and extended writing.

Listos 2

Module 2: Food

- Saying what you have to eat
- Saying what type of food you like and why
- Buying fruit and vegetables.
- Buying food and drink in a shop.
- Saying you are hungry or thirsty. Ordering tapas.
- Discussing healthy diet.

Students will be expected to use both the present and future tenses in this unit. Extended writing will be expected from all students.

T3

All students will continue with the Listos course this term and will focus on the two main topics areas of food and shopping.

Module 2: Food

- Saying what you have to eat
- Saying what type of food you like and why
- Buying fruit and vegetables.
- Buying food and drink in a shop.
- Saying you are hungry or thirsty. Ordering tapas.
- Discussing healthy diet.

Students will be expected to use both the present and future tenses in this unit. Extended writing will be expected from all students as this will be the focus of assessment.

Module 3: Shopping

- Talking about clothes. Comparing prices
- Saying what clothes you like and why
- Shopping for clothes.
- Describing clothes and saying what you are going to wear.
- Talking about your school uniform.
- Talking about types of shops. Saying where you can buy things

There will be an End of Year Assessment containing questions on all 4 Modules. Revision will also be done towards the end of the term to prepare all students for their end of year exam. The assessment will contain listening activities, spoken activities, reading activities and extended writing.

Mandarin

Head of Mandarin: Mrs V Yap

T1

In term one, students will work on Chinese Made Easy Book 1, studying the following topic areas:

- Occupations and work place.
- Talking about what job you like or dislike.
- Measure words.
- Modes of transport.
- Asking and saying what transport you take to do something.

Advanced students of Mandarin will work on Chinese Made Easy Book 2, studying the following topic areas:

- Saying and asking what colour something is.
- Describing school uniform and other clothing.
- Talking about weather and air temperature.
- Directions
- Talking about summer holiday and what activities you do in this holiday.
- Talking about winter holiday and what activities you do in this holiday.

Students are assessed regularly by class tests and an end of unit test nearing the end of term.

T2

In term two, students will work on Chinese Made Easy Book 1&2, studying the following topic areas:

- Asking and saying what transport you take to do something.
- Telling time
- Comparative words
- Saying and asking what colour something is.

Advanced students of Mandarin will work on Chinese Made Easy Book 2, studying the following topic areas:

- Talking about what you like doing in your free time (hobbies)
- Extracurricular activities
- Musical instruments
- Talking about your daily routine

Students are assessed regularly by class tests and an end of unit test nearing the end of term.

T3

In term three, students will work on Chinese Made Easy Book Books 1 & 2, studying the following topic areas:

- Saying and asking what colour something is

- Describing school uniform and other clothing.
- Talking about weather and air temperature.
- Directions

Advanced students of Mandarin will work on Chinese Made Easy Book 2, studying the following topic areas:

- Talking about your daily routine
- Talking about school timetables and subjects
- Talking about what subjects you like and dislike and why
- School facilities

Students are assessed regularly by class tests and an end of year exam at the end of term 3.

Malay

Head of Malay: Ms P Muniandy

T1

In the first term, students in Beginners Set will learn Unit 7 of Year 8 SOW about Malaysia. They will learn about the geography and interesting places to visit. Apart from this, students will study about the history of Malacca and customs and festivals of the different races in the country. In the next unit 13 of Year 9 SOW, they will talk about illnesses and remedies, revise parts of the body, listen and respond to advertisements, talk about their own healthy lifestyle and compare aspects of their own lifestyle and that of other people. They will also carry out reading, listening and writing exercises related to the above topics.

Students in the Fast Track and Advanced IGCSE groups will continue their IGCSE course. In Module 3, they will do cinema and other entertainment. Students also will be practicing past year papers. This also involves speaking practices such as role play, and topical and general conversations in class.

Students in the Intermediate groups will continue their IGCSE course. In Module 1 students will focus on "School Life". Under "School Life", students will learn how to talk and write about school subjects, teachers and school routine. In unit 2, they will cover "Personality, Friends, Relationships and Helping at Home" where they will learn how to talk and write about personalities or famous people in Malaysia, close friends, and what they do at home and how they help parents. Students also will be practicing past year This also involves speaking practices such as role play, and topical and general conversations in class.

All students will be involved in the reading scheme where they will read Malay stories and be asked to do a book review twice a term. On top of this, students in the top sets will borrow books from the library once a week to read for pleasure. Students in the top sets will also be required to read newspapers in the classroom.

Assessment: End of Unit Test which covers Speaking, Reading and Writing Skills.

T2

Students in Beginners Set will be introduced to IGCSE Year 10 SOW. In Module 1 students will focus on "School Life". Under "School Life", students will learn how to talk and write about school subjects, teachers and school routine. In unit 2, they will cover "Personality, Friends, Relationships and Helping at Home" where they will learn how to talk and write about personalities or famous people in Malaysia, close friends, and what they do at home and how they help parents. Students also will be practicing past year This also involves speaking practices such as role play, and topical and general conversations in class.

The Fast Track and Advanced IGCSE groups will focus on In Module 4, they will cover different kind of jobs and work experience and talking about future careers after school. Besides oral work, students will carry out listening, reading and writing exercises related to the above topics. Students also will be attempting to practice on past year papers- 1998,1999 and 2000. This also includes speaking practices such as role play, topical and general conversation in class.

Students in the Intermediate groups will continue their IGCSE course, Unit 3 of Year 10 SOW : Cinema/Entertainment/Invitation and Weekend Activity. In this unit, students will learn how to talk and write about different types of television programmes, types of movies, planning to watch a movie, invitation to go out and what they will do over the weekend. In Unit 4 of Year 10 SOW : Students will also learn about the world of work and talk about their future educational plans. Students also will be practicing past year papers. This also involves speaking practices such as role play, and topical and general conversations in class.

Students will also read story books and do book reviews as part of the reading programme held every term.

Assessment: End of Unit Test which covers Speaking, Reading and Writing Skills.

T3

Students in Beginners Set will cover Unit 3 of Year 10 SOW : Cinema/Entertainment/Invitation and Weekend Activity. In this unit, students will learn how to talk and write about different types of television programmes, types of movies, planning to watch a movie, invitation to go out and what they will do over the weekend. In Unit 4 of Year 10 SOW : Students will also learn about the world of work and talk about their future educational plans. Students also will be practicing past year papers. This also involves speaking practices such as role play, and topical and general conversations in class.

The Fast Track, Advanced and Intermediate IGCSE groups will continue their IGCSE course. Unit 5, which is "Town" and discuss about the environmental damage. Students will also learn about facilities in a town, difference between town versus countryside, the life-styles and people. In the half term, students will learn about "Going Shopping for clothes and spending pocket-money, and how to write a report on the loss of valuables". Revision will also be carried out for the end of year examination.

The reading scheme will continue where students will read a story book and do an activity based on the book. Higher ability students will also be encouraged to read independently by borrowing books from the library and reading for pleasure.

Assessment: End of Year Examination which covers Speaking, Reading and Writing Skills.

Humanities Faculty
Head of Faculty: Miss K Haward

History

Head of History: Mr. D Kinvig

In Term One, students will be introduced to Tudor rule in Britain during the 16th and 17th centuries. They will examine the significance of religion and the impact of political change during this period under the reign of such monarchs as Henry VIII, Mary I and Elizabeth I. Focus will be given to analysis of historical documents and evaluation of the reliability of these sources.

In Term 2 in Year 8 will look at the topic the 'Early Modern Age'. This uses primary and secondary material to engage the pupils in investigations of modernization, including the coming of factories, urbanization, industrialization and the agricultural revolution. We then move on to look at the topic 'The Black Peoples of the Americas'.

During Term Three, students continue to look at the topic of "Black People in the Americas". They will examine issues of freedom, equality and rights. They will continue to develop their skills of analysis and source handling.

Students work is marked regularly according to the Humanities Faculty Markscheme. Periodically, students are assessed through extended essays which are undertaken in lessons and the focus of these is factual recall and source evaluation.

Geography

Head of Faculty / Geography: Miss K Haward

Students start the year by looking at Urban Problems and Solutions, investigating why cities grow and the urban problems experienced in different global case studies. Students must then consider whether cities can ever be sustainable by evaluation of various strategies for managing urban problems.

In term two, students undertake a study of Weather and Climate. This gives them the opportunity to use their own observations, as well as scientific equipment and satellite images in their study of local and global climates. The causes and impacts of hurricanes are investigated, using case studies from Asia and beyond.

During term three, students investigate the topic of Tourism: Good or Bad? This involves study of the growth of tourism and the impacts of tourism on the humans and the environment. Thailand is used as an in-depth example of the impacts of tourism.

Students are assessed at regular intervals throughout the course. They are given opportunities for peer- and self-assessment of their work as well as end-of-unit tests.

Information and Communications Technology Faculty

Head of Faculty: Mr. M Smith

T1

Pupils will start their new year of ICT by recapping on the topic of staying safe online. They will move on to learn about computer programming and control by using a visual programming environment, before creating their own unique computer game incorporating graphics, animation and sound. The module will lead pupils through the realms of sequence, iteration, conditional statements and variables. They will then learn to effectively use imaging software before moving on to a project covering graphic design, based on product branding. Pupils will learn new skills in vector graphics creation and manipulation in order to produce a tin-can label for a product of their choice, and a full page magazine advertisement for the product.

T2

Pupils will start the second term with a project aimed at producing a TV Advertisement to advertise GIS. This will require thorough planning and an extension of skills built in Year 7 for sound engineering, video production and additional effects. They will move on to investigate spreadsheets through a range of modeling scenarios before starting to create a web site.

T3

The final term will continue with the development of a web site which aims to enhance the learning of pupils in their other subjects. They will move on to investigate the customizing and combining of sound tracks before finishing their year of ICT by delving in to the world of virtual creation.

Assessment

Assessment in ICT is ongoing and takes three main forms: self assessment, peer assessment and teacher assessment. The aim is to maximize the benefit to learning throughout each module. A final teacher assessment of the work will be given at the end of each module. Instead of having an end of year examination, these marks will accumulate to give the final grade.

Drama Faculty

Head of Faculty: Miss J Lee

Assessment

All KS3 Drama work is assessed through our Drama levels (displayed in the Drama corridor and available on Moodle for student self assessment). These levels assess Creating, Performing and Responding.

- Creating (how confidently and creatively students work with their peers to create drama)
- Performing (how well they perform pieces that have been rehearsed)
- Responding (how well students comment upon and analyse the performances they see)

T1

This term will concentrate on building and further developing the skills acquired in Year 7. Students will learn more Drama techniques and concepts and will be expected to produce more polished performance work. Students will learn to use their Drama Skills when adapting Roald Dahl's Revolting Rhymes version of 'Little Red Riding Hood' for performance. Techniques necessary for good Dramatic storytelling such as physical movement, narration and sound effects will be explored. The students will then apply what they have learnt to a scripted text: 'The King's New Clothes'. This offers opportunities for narration whilst developing comic timing.

T2

In term 2 Year 8 students will embark on a 'Peer Pressure' project which incorporates drama skills with PSHE themes. Creating sensitive and thought provoking Drama will be implicit within this work. We then move on to study Commedia del Arte, exploring this exciting area of theatre history through practical workshops.

T3

Building on the topics covered this year students in Year 8 embark on a scheme of work that involves investigation and solving a mystery. In order to do so they have to utilize all the skills learnt to date. Their presentation skills are developed further as they work on abstract and realism. They spend the second half of the term working on their practical performance exam where they have to present a polished piece of work, which shows clear evidence of the skills attained so far in KS3. This enables us to assess students' group work, cooperation, devising and creating skills, use of imagination, space, movement, language and audience awareness.

Music Faculty

Head of Faculty: Mr. J Long

T1

Throughout year 8 pupils will build upon, strengthen and increase their musical skills, knowledge and understanding through the activities of Performing, Composing, Listening and Appraising.

The topics studied will include

- Composing with Ostinato
- The Blues
- Music from Africa
- Film Music
- Texture and Timbre
- Structure

Skills to be developed will include

- Guitar chord and bass work
- Keyboard Skills including style work
- Tuned and untuned percussion work
- Ensemble skills
- Composition skills
- Computer music programme skills

Skills are tested through composition and performance.

Art Faculty

Head of Faculty: Miss C Smithyman

T1

During this term students will explore art and design through the theme ENVIRONMENT. They will develop their existing skills in drawing and painting as well as being introduced to new techniques and processes in three dimensional work and/or design. The students will be encouraged to develop their knowledge of observational drawing and collecting information as well as exploring new processes and practices within art. They will explore the work of other artists and cultures to enrich their experience and apply analytical skills to their own work.

T2

For this term, year 8 students will continue to build on the skills learned at the start of the year. Concentrating on their experience using the Formal Elements and extending their knowledge of different methods of working with media and materials will be at the core of the work done. The work is loosely based around the theme. The pupils will need to consider their designs in the

development of a final piece thereby encouraging them to evaluate and modify as the work progresses; this is an important skill for them to attain. It is hoped that the students will be able to try making, carving or building skills at this point to increase their experience in art.

T3

Students will continue to develop their understanding of composition through a series of two-dimensional work. This work will be from direct observation; ensuring students improve their drawing skills and understanding of the importance of recording objects in relation to each other. Year 8 students will also have an opportunity to view the work of older students at the examination exhibition which will give them a greater understanding of the possibilities of the subject at a more advanced level. Their analytical and evaluative skills will be developed through studying their own work and that of other artists.

Physical Education Faculty

Head of Faculty: Mr P Wellington

Head of Secondary PE: Mr M Springall

T1

The Faculty of Physical Education will be working in accordance to the National Curriculum. The underlining aims are to promote physical activity and healthy lifestyles and to develop positive attitudes.

Year 8 will be working on a rotation of the following activities:

- Swimming
- Athletics
- Basketball
- Softball
- Football
- Badminton

Students will cover two of these activities this term and are expected to extend their individual skills as well as developing sound techniques, tactics and strategies throughout competitive situations.

T2

The faculty of Physical Education will be working in accordance to the National Curriculum. The underlining aims are to promote physical activity and healthy lifestyles and to develop positive attitudes.

Students will be working on a rotation of the following activities: Football, Swimming, Softball, Basketball, Badminton and Athletics.

Students cover two of these activities this term and will be expected to extend their individual skills as well as developing sound techniques, tactics and strategies throughout competitive situations.

T3

The faculty of Physical Education will be working in accordance to the National Curriculum. The underlining aims are to promote physical activity and healthy lifestyles and to develop positive attitudes.

Students will be working on a rotation of the following activities: Basketball, Football, Swimming, Badminton, Softball and Athletics.

Students cover two of these activities this term and will be expected to extend their individual skills as well as developing sound techniques, tactics and strategies throughout competitive situations.

Design Technology Faculty

Head of Faculty: Mr M Perry

During this year pupils will work in one of the following three areas, they will rotate projects each term.

1. Textile Technology

This unit introduces student to the area of textiles, they will learn and use various manufacturing techniques, including sewing machine work, and use these to design and make a range of T-shirts based on a 'graffiti theme' .

2. Resistant Materials Technology

Students will be designing and making clocks using resistant materials such as wood, metal and sheet plastic. This project aims to increase student's drawing and problem-solving abilities along with developing knowledge and skills with tools and materials. In addition computer aided manufacture will feature in the final outcome.

3. Systems and Control

This is a series of lessons dealing with electronics, through a central project theme of an alarm system. The fundamentals of electrical theory will be studied alongside skills in designing and making the housing and sensors for the circuit. Computer simulation of working circuits will be experienced during the course.

English as an Additional Language (EAL)**Head of Faculty: Mrs A Foss-Ellis****Head of Secondary EAL: Ms. Sheila Santharamohana**

FASTRACK:

Year 8 students focus on the reading and writing skills with special emphasis on language structure, proficiency and vocabulary. The syllabus is nearly identical to the Mainstream English but is taught at a slower pace, with close attention paid to mastery learning. Students will have an opportunity to investigate Myths and Legends, explore Islands and be transported to another type of society in Lord of the Flies, offering students a chance to build up their knowledge of different writing styles and to analyze the writing of others.

Students will develop their use of genres, learn to consider and appreciate poetry, and analyze how texts work. Feedback and assessment will focus on self-correction, word choice and editing. Students will be encouraged to take part in a variety of listening and speaking activities to assist with their development in these areas. Students will continue to use the Edges 2 textbook. They will be studying formal letter writing, note-making and a biography.

Three written assessments for each unit studied will be assessed. In addition to this, a summative assessment will be given at the end of each term.

WITHDRAWAL:

Students attend EAL Withdrawal classes in the place of one of their Modern Languages. Withdrawal level students will be studying three units of work : Poetry, Gothic and a language unit. The focus of this Withdrawal class is to strengthen the students' skills in speaking, listening, reading and writing using authentic material across the curriculum. In particular, emphasis will be on listening and reading comprehension, grammatical structures, pronunciation, vocabulary building and writing skills. Students will learn a range of writing styles including letters to the editor, a newspaper front page, and poetry.

Use of real life texts helps the students to better understand the use and context of English. In addition, individual attention is given to target weaknesses and help develop strategies for continuous self-improvement. Formative assessments in the form of written assignments will be ongoing, with one progress check towards the end of half term. Another summative assessment will take place at the end of every term.