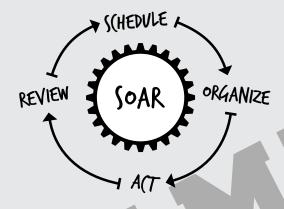


# **SCHOOL SUCCESS STARTS WITH PLANNING**

## **SOAR into the Achievement Zone!**

While learning the knowledge and skills for success in school, you need to stay organized. **Follow this easy 4-step plan** to make sure you do all the work and meet all the commitments that are expected of you at school and after school.

# SCHEDULE, ORGANIZE, ACT, REVIEW



- 1) **Schedule** every commitment by writing it in this planner on the date it is assigned or the date you'll be completing it.
- **2) Organize** all resources needed to complete each commitment you have recorded.
- **3) Act.** Do each commitment to the best of your ability.
- **4) Review** the work you have done and what you accomplished by completing all of your commitments.

## This Notebook Belongs to:

Name:Address:	
Phone/Other:	
School:	
Emergency Contact:	Phone:



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# **CLASS SCHEDULE**

Period	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TEACHER
Subject						
Room/Time						
Subject						
Room/Time						
Subject						
Room/Time						
Subject						
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# **READING AND TECHNOLOGY**

#### INTEGRATING PRINT AND DIGITAL TECHNOLOGIES

## Our Brains are Amazing and Complex!

The way the brain learns from paper and printed material/books is different than how it learns from reading on screens such as phones and tablets.

Since books have text that is set in a stationary place, the brain can latch on to that physical space and remember it better. For example, sentences and paragraphs are set in size, shape and location. A book has set left and right pages that give 8 total physical corners that our minds can remember.1

I remember reading about pandas at the bottom of the right-hand page ...



#### **SCREEN READING**

Most reading on a screen is scrolling and moving continuously so your brain doesn't have anything to latch onto and remember as easily!1

Another reason your teacher may have you read or write with paper (and not review and type on screen) is to help your concentration and focus.3

It has been proven that students are most likely to skim, browse and jump around in an article on screen.<sup>1</sup> Most screen devices have many distractions—alerts and notifications, other programs, Internet interests, music, etc.—all of which pull attention away from the reading.4

- cientific American, 11 Apr. 2013, https://www.scientificamerican.com/article/r aron, Naomí S., et al. "Reading in a Digital Age." *Kappanonline.org*, 5 Dec. 2018,
- https://kappanonline.org/reading-digital-age/.
  FYILiving. "Why Does Writing Make Us Smarter?" HuffPost, HuffPost, 7 Dec. 2017
- s://www.huffpost.com/entry/why-does-writing-make-us-\_n\_900638 enwald, Michael S. "Why Digital Natives Prefer Reading in Print. Yes, Vi

The Washington Post, WP Company, 22 Feb. 2015

why-digital-natives-prefer-rea



#### Students in the U.S. report:2

85% multitask when reading **DIGITALLY** 

multitask when 26% reading in **PRINT** 

Пc.

When asked what platform students' most preferred for reading (print, tablet, e-reader, phone, or computer), 92% said that they concentrated best when reading in...

PRINT!

**INTEGRATION TIPS!** However, using technology is important for well-rounded growth. Here are some tips as to how you may integrate your paper planner with technology!

In your digital calendar set alerts for events that you will be attending—games, work, family activities, etc. Also, note the time you set aside to do your homework. When you are alerted to do your homework, then you can refer to your Success By Design Student Planner.

Your Student Planner may have preprinted subjects, or you may be able to write in your specific subjects. In this paper planner you will have the space to write all the details and information you need to know in order to accomplish your assignments successfully and completely.

For example: Alert yourself digitally, "Do homework from 6-8 p.m.," and then in your planner have written, "Math, pages 76-77, numbers 1-10. Use the new formulas."

# **ENGLISH STUDY SKILLS**

#### **PARTS OF SPEECH**

#### NOUN

**Proper nouns** are capitalized and refer to specific persons, objects, ideas, or places.

Examples: John, White House, Monday, Slovakia

Common nouns refer to any person, object, place,

Examples: house, building, boy, city, anger, desk

#### **PRONOUN**

**Pronouns** take the place of a noun.

Example: Tom washed his car on his day off.

There are three different kinds of pronouns.

Example: He is taking him to his house.

subjective objective possessive

#### **VERB**

**Verbs** show action or state of being. They also indicate the time of that state or action.

Examples: He worked on Friday. (past)

I need to place the order. (present)

He will present his report tomorrow. (future)

#### **ADJECTIVE**

**Adjectives** describe nouns by modifying them. They can specify color, size, number, etc.

#### **PUNCTUATION**

**PERIOD:** Place a period at the end of a declarative sentence.

Example: We arrive at school each day at 8 am. In addition, use a period at the end of an imperative sentence that does not express strong emotions. Example: Sit down.

**COMMA:** Use commas to separate words and phrases in a series.

Example: Bill has two dogs, one cat, and a hamster.

**QUESTION MARK:** Use after all interrogative sentences.

Example: Where did you go on vacation?

**EXCLAMATION MARK:** Use after sentences that express surprise or feeling. *Example:* His car looks fast!

**SEMICOLON:** Use when a conjunction is omitted; it indicates a greater degree of separation than a comma would. *Example:* The road was bumpy and curvy; the scenery was grand.

**COLON:** Use colons to start a list or to formally introduce a statement.

Example: He has three cars: a Mustang, Camaro, and a Duster

**QUOTATION MARKS:** Use quotation marks around a direct quotation.

Example: He said, "I want to go home."

APOSTROPHE: Use an apostrophe to show contracted words such as it's (for it is) or to show possession as in Bill's bike.

Example: The green mini-van struck the metal pole near the third intersection.

#### **ADVERB**

**Adverbs** are words which describe verbs, other adverbs, or adjectives. They specify in what manner, when, how much, and where.

Example: The crowd reacted violently when it was confronted.

#### **PREPOSITION**

**Prepositions** indicate how nouns and pronouns are related to another word in a sentence.

Examples: Paul stood behind the fence.
The cat jumped onto the bed.

#### CONJUNCTION

Conjunctions join words, clauses, and phrases.

Examples: Your drink options are either coffee or tea.

John could not react fast enough because of a poorly healed foot.

#### INTERJECTION

**Interjections**, also known as exclamations, are indicated by the use of an exclamation point. *Example: Wow!* What a beautiful car!

#### **FIGURATIVE LANGUAGE**

#### SIMILE

A **simile** is a comparison between unlike things using the words "like" or "as."

Examples: He was motionless like a statue. She was quiet as a mouse.

#### **HYPERBOLE**

A **hyperbole** is an extended exaggeration. *Example*: I have a *ton* of questions to ask.

#### **METAPHOR**

A **metaphor** is a comparison between unlike things in which one thing becomes another.

Example: He has a heart of stone.

#### PERSONIFICATION

**Personification** is attributing human characteristics to an inanimate object or animal.

*Example:* The fox *begged* the hunters to chase him.

#### **PARAGRAPH WRITING**

- Write a topic sentence—It tells the main idea of your paragraph.
- List supporting ideas.
- Make a rough outline—Eliminate irrelevant items.
- Write the paragraph.
- **6** Add the clincher—A clincher sums-up the paragraph.
- **6** Proofread—Read and correct grammar, spelling, etc.
- Revise/edit—Correct and make the paragraph more interesting.
- Write the final copy.

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# **ENGLISH STUDY SKILLS**

#### **CAPITALIZATION**

#### Capitalize the following—

9

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- 1. The first word in a sentence.
- 2. Days of the week, months, holidays, periods and eras in history, trade names, streets, formal documents, geographical names, political parties, holy days, and official titles.
- Words such as history or math when the words are a part of a specific course. Do not capitalize such words when they indicate a field of study.
- Words such as brother, mother, or doctor when they are a part of the title or when they are a substitute for the noun.
- 5. Points of the compass. Do not capitalize words which indicate simple direction.

- Words which refer to the Supreme Being. Capitalize the word Bible, the books of the Bible, and the names of all holy books or sacred works.
- 7. The first word in a direct quote.
- Words denoting religions, languages, nationalities, and races.
- 9. Names of organizations.
- 10. Degrees, titles, and abbreviations of organized groups.
- The first word of a title, the last word, and all words in between except short conjunctions or prepositions.
- 12. The first word in a greeting or the closing of a letter.

## **WORDS OFTEN CONFUSED**

accept: accept a gift
except: every day except today

**advice:** listen to good advice **advise:** counselors advise students

**affect:** His speech affected the listeners.

effect: the effect of the sun already: He already ate.

**all ready:** He was all ready to leave. **altar:** church's altar

alter: alter the clothes; alter the report angel: angel in heaven

**angle:** a right angle **breath:** out of breath

**breathe:** breathe fresh air **capital:** nation's capital;

a capital idea **capitol:** a capitol building

cite: to cite a source
site: a building site
sight: a terrible sight to see

**clothes:** to wear clothes **cloths:** cloths for cleaning

coarse: a coarse fabric; coarse language course: a race course; a history course

complements the suit.

compliment: He complimented her attitude.

complement: An attractive tie

counsel: The teacher gave the student good counsel. council: The council voted against the action.

**desert:** a dry, hot desert **dessert:** pie for dessert

**forth:** go forth into the crowd **fourth:** fourth in line

**hoping:** hoping for a good grade **hopping:** a hopping rabbit

it's: It's cloudy outside.loose: a loose connection; loose

its: the color of its eyes

clothing **lose:** lose a toy

mantel: the fireplace mantel
mantle: (cape or cloak) He put on
the mantle.

passed: passed a test; passed a car
past: lived in the past; past errors

**peace:** live in peace **piece:** piece of cake

precede: The National Anthem precedes the game.proceed: Proceed with your report.

**principal:** the principal reason; a school's principal **principle:** the principle of good manners

quiet: the quiet night
quite: quite handsome

right: the right direction rite: the religious rites write: write a letter **shone:** The sun shone on the valley. **shown:** He was shown the evidence.

**sole:** the sole survivor **soul:** body, soul, and spirit

**stationary:** a stationary object **stationery:** correspondence written on stationery

**steal:** to steal money **steel:** a bridge made of steel

**than:** bigger than a bread box **then:** We left then.

**there:** over there **their:** their house **they're:** They're not here.

**to:** to the car; to cheer **too:** I want some too; too often

**two:** two soft drinks **troop:** Boy Scout troop **troupe:** a theatrical troupe

wander: He wandered aimlessly.
wonder: I wonder what happened.

weak: weak from starvation week: a week from today

weather: hot, humid weather whether: It doesn't matter whether we go or stay.

who's: Who's at the door? whose: Whose house is this?

your: Your feet are dirty. you're: You're angry.

## **MATH STUDY SKILLS**

#### **MULTIPLICATION TABLE**

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

#### **NUMBERS**

**PRIME NUMBER:** A whole number which has only two factors—itself and 1. Examples: 2, 5, 7, 11, 17.

**COMMON FACTOR:** A number that is a factor of two or more numbers.

Examples: 1, 2, and 4 are common factors of the numbers 12 and 16.

**GREATEST COMMON FACTOR:** The greatest number that is a factor of two or more numbers.

Examples: 4 is the greatest common factor of the numbers

**LEAST COMMON MULTIPLE:** The smallest number that is a multiple of two or more numbers. Example: 12 is the least common multiple of the numbers 2, 3, 4, and 6.

**NUMERATOR:** The number above the line in a fraction.

**DENOMINATOR:** The number below

the line in a fraction.

## **MATHEMATICAL SYMBOLS**

Addition; plus	+	Greater than	>	Parallel	II	
Angle	4	Greater than/equal to	<u>&gt;</u>	Percent	%	
Arc	n	Less than	<	Perpendicular	Т	
Cent	¢	Less than/equal to	<b>≤</b>	Pi	π	
Decimal point		Line segment	_	Ray	$\rightarrow$	
Division	÷	Multiplication	х	Right angle	ь	
Dollar	\$	Not equal	<b>≠</b>	Set	{}	
Equal	=	Number	#	Subtraction; minus	-	

#### **FRACTIONS & DECIMALS**

#### **Addition / Subtraction:**

find common denominators

$$\frac{1}{5} (x2) = \frac{2}{2}$$

$$\frac{1}{5} (x2) = 10$$

$$\frac{1}{2} (x5) = \frac{5}{10}$$

$$\frac{7}{10}$$

#### **Multiplication:**

multiply straight across

$$\frac{1}{5} \times \frac{3}{4} = \frac{1 \times 3}{5 \times 4} = \frac{3}{20}$$

**Division:** multiply the first fraction by the reciprocal of the second fraction

$$\frac{1}{5} \div \frac{3}{4} = \frac{1}{5} \times \frac{4}{3} = \frac{4}{15}$$

#### **Changing Fractions to Decimals:**

change the denominator to a power of 10

$$\frac{4}{5}_{(x2)} = \frac{8}{10} = .8$$

Or divide by the denominator:

$$\frac{4}{5} = 4 \div 5 = .8$$

#### Common Fractions. **Decimals & Percents:**

1	=	1.0	=	100%

$$3/4 = 0.75 = 75\%$$

$$2/3 = 0.\overline{6} = 66.\overline{6}\% \text{ or } 66.\overline{6}\%$$

$$1/2 = 0.5 = 50\%$$

$$1/3 = 0.\overline{3} = 33.\overline{3}\% \text{ or } 33.\overline{3}\%$$

$$1/5 = 0.2 = 20\%$$

$$1/6 = 0.1\overline{6} = 16.\overline{6}\%$$

$$1/10 = 0.1 = 10\%$$

1 foot (ft)

1 vard

1 yard (yd)

**English System** 

Length

Liquid

9

9

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1 mile (mi) = 1,760 yards = 8 fluid ounces (fl oz) 1 cup (c)

=

= 12 inches (in)

36 inches

3 feet

1 pint (pt) 2 cups 1 quart (qt) = 2 pints

1 gallon (gal) = 4 quarts Weiaht 1 pound (lb) = 16 ounces (oz)

1 ton (t) 2,000 pounds

#### **Metric System**

Length 1 centimeter (cm) = 10 millimeters (mm) 1 decimeter (dm) 100 millimeters 1 decimeter 10 centimeters

1 meter (m) = 1,000 millimeters 1 meter = 100 centimeters = 10 decimeters 1 meter

1 kilometer (km) = 1,000 meters

1 liter (L) = 1,000 milliliters (mL) Liquid = 1,000 milligrams (mg) Mass 1 gram (g)

> 1 kilogram (kg) = 1,000 grams

#### **CONVERTING MEASUREMENTS**

**MATH STUDY SKILLS** 

**MEASUREMENTS** 

#### **Converting Length / Distance**

#### from multiply by in 0.3937 cm in 2.54 cm ft 3.2808 m ft 0.3048 m mi 0.6214 km mi km 1.609

#### **Converting Weight / Capacity**

	from	to	multiply by	
'.	g	oz	0.0353	
4	oz	g	28.35	
٦	kg	lbs	2.2046	
	lbs	kg	0.4536	
	mL	fl oz	0.0338	
	fl oz	mL	29.575	
	L	gal	0.2642	
	gal	L	3.785	

#### **ALGEBRA**

#### **Quadratic Equation:**

$$If ax^2 + bx + c = 0$$

then 
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

#### **Special Products:**

$$(a - b)^2 = a^2 - 2ab + b^2$$
  
 $(a - b)(a + b) = a^2 - b^2$ 

 $a^3 + b^3 = (a + b)(a^2 - ab + b^2)$ 

 $a^3 - b^3 = (a - b)(a^2 + ab + b^2)$ 

 $(a + b)^2 = a^2 + 2ab + b^2$ a(b + c) = ab + ac

 $(a + b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$ 

 $(a - b)^3 = a^3 - 3a^2b + 3ab^2 - b^3$ 

#### Logarithms:

 $Log x^r = r Log x$ 

Log (xy) = Log x + Log y

Log(x/y) = Log x - Log y $\text{Log } x = n \leftrightarrow x = 10^{\text{n}} \text{ (common log)}$ 

 $Log_a x = n \leftrightarrow x = a^n$  (log to the base a)

Ln  $x = n \leftrightarrow x = e^n$  (natural log)  $\pi \simeq 3.14159265$ 

 $e\simeq 2.71828183$ 

#### **Equations of a Line:**

(m = slope; b = y intercept)

Slope of a Line:  $m = y_2 - y_1$ 

Slope-Intercept Form:  $X_2 - X_1$ 

y = mx + b

#### Point-Slope Form: $(y - y_1) = m (x - x_1)$

$$(y - y_1) = m (x - x_1)$$

#### Law of Exponents: If $a, b \in R$ , $a, b \ge 0$ , and p, q, r, s

are  $\in$  Q then: 1.  $a^r a^s = a^{r+s}$ 

2.  $a^{r}/a^{s} = a^{r-s}$ 

3.  $(a^r)^s = a^{rs}$ 

4.  $(ab)^r = a^r b^r$ 

5.  $(a/b)^r = a^r/b^r (b \neq 0)$ 

6.  $a^0 = 1 (a \neq 0)$ 

7.  $a^{-r} = 1/a^r (a \neq 0)$ 

8.  $a^{r/s} = \sqrt[5]{a^r} = (\sqrt[5]{a})^r$ 

 $a^{1/2} = \sqrt{a}$  $a^{1/3} = \sqrt[3]{a}$ 

#### **Variation Models:**

For variables x, y, and z where k is a positive constant called the constant of variation.

**Direct Variation:** y = kx or y/x = k**Inverse Variation:** y = k/x or xy = k

**Joint Variation:** z = kxy

## **ORDER OF OPERATIONS**

Follow this set of rules to correctly evaluate a mathematical expression.

Then calculate the exponents, powers, and roots next.  Then multiply and divide in order from left to right.  Finally, add or subtract in order from left to right.	0	Simplify the items in parentheses first.	()
	<b>2</b>	Then calculate the exponents, powers, and roots next.	2 √
Finally, add or subtract in order from left to right.	8	Then multiply and divide in order from left to right.	x ÷
	4	Finally, add or subtract in order from left to right.	+-

# **NORTH AMERICA**



HI Hawaii – Honolulu

IL Illinois – Springfield

ID Idaho – Boise

NE Nebraska – Lincoln

NV Nevada – Carson City

NH New Hampshire – Concord

TX Texas – Austin

**UT** Utah – Salt Lake City

VT Vermont – Montpelier

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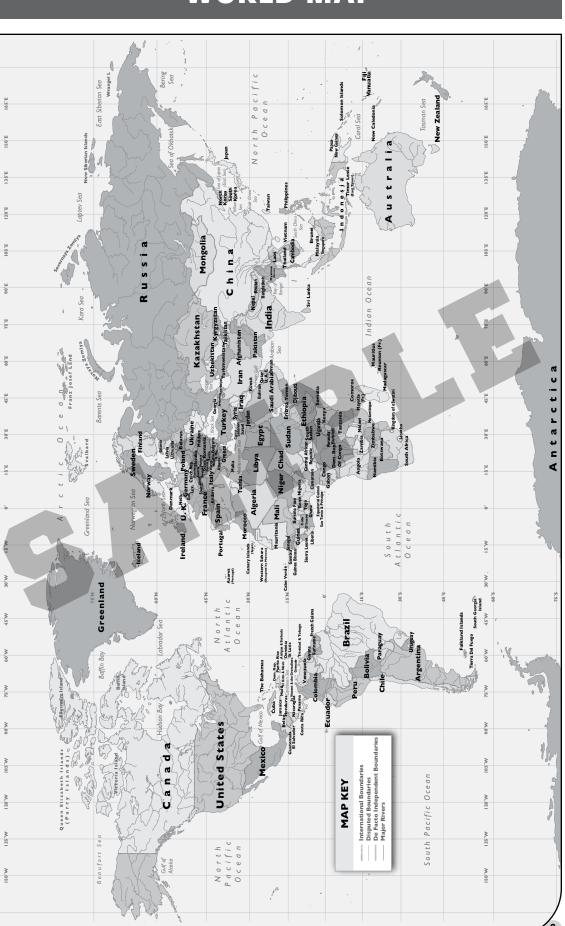
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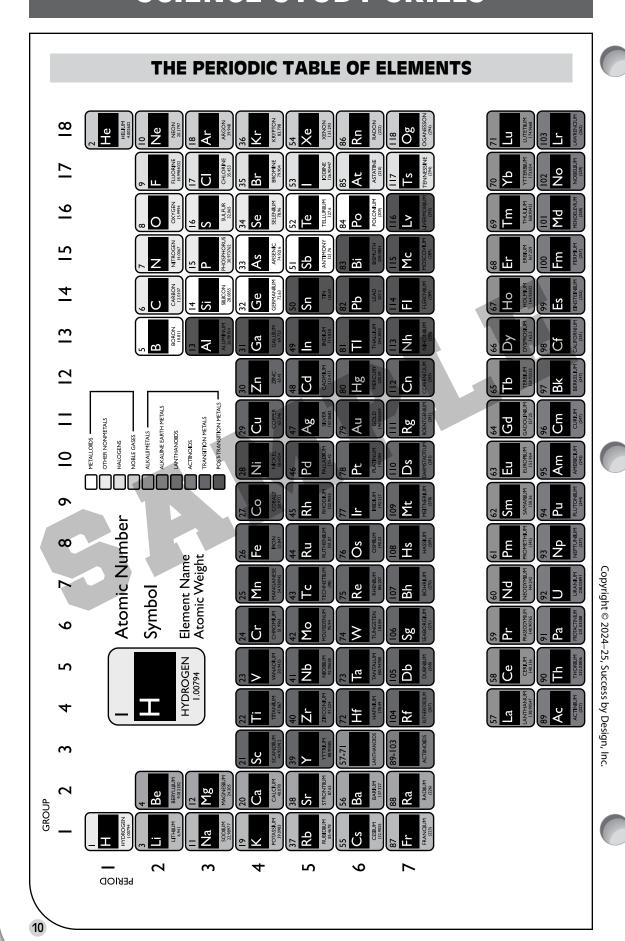
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# **WORLD MAP**



# **SCIENCE STUDY SKILLS**



# **CALENDARS**

	монтн			YEAR											
/	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY								

MONTH		YEAR	

	SUNDAY	MUNDAY	IUESDAY	MEDINE2DAY	IHUKSDAY	FKIDAY	SAIUKDAY
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# **CALENDARS**

MONTH	YEAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

MONTH\_\_\_\_\_\_YEAR \_\_\_\_\_

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12						

# **CALENDARS**

MONTH	 YEAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

MONTH \_\_\_\_\_ YEAR \_\_\_\_\_

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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# **CALENDARS**

MONTH	YEAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

MONTH\_\_\_\_\_\_YEAR \_\_\_\_\_

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
3						
14						

# CALENDARS

MONTH	YEAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

MONTH \_\_\_\_\_ YEAR \_\_\_\_\_

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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# CALENDARS

MONTH	YEAR
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

YEAR MONTH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
16						

# TODAY'S PLAN!

Day	Month	Date	Year

10	DAI UI ==	Day	iviontn	Date	Year
SUBJECT		ASSIGNMEN	<b>NT</b>		DUE
Religion					
					Complete
Reading					
					Complete
E. P.L.					
English/ Language					
Arts					
					Complete
Spelling					
					Complete
Math					
					Complete
Science					
					Complete
Social					
Studies					
					Complete
,					$\dashv$ $\sqcap$
					Complete
					<b>,</b> 
=	REMEMBER!	Te	acher Messages: _		
Take Hom	ne:				
Bring to S	School:	Pa	rent Messages:		
D. Alicaria and					
iviissing V	Vork:		nature & Date:		
			mature & Date		

TODA	Y'S PLAN!	Day	Month	Date	Year
<b>БИВЈЕСТ</b>		ASSIGNMEN	Т		DUE
eligion					Complete!
eading					Completes
					Complete!
nglish/ Inguage Arts					
Aits					Complete!
pelling					Complete!
Math					-
cience					Complete!
Social Studies					
					Complete!
					Complete!
RE RE	MEMBER!	Too			
Take Home:			cher Messages: _		
Bring to School:		Par	ent Messages:		

Signature & Date:

TODAY'S	PLAN:	Day	Month	Date	Year
SUBJECT		ASSIGNMEN	١T		DUE
Religion					
					Complet
Reading					Complet
English/ .anguage Arts					
Spelling					Complet
эреннів					Comple
Math					Complet
Science					Complete
Social Studies					
					Complet
					Complete
Take Home:			acher Messages: _		
Bring to School:			rent Messages:		
Missing Work:			nature & Date:		