

# DOMAIN

## CURRICULUM & PROJECT IDEAS

Dear Teachers:

One of the goals of the ADOPT-AN-AUTHOR program is to assist teachers by providing a pool of easily accessible curriculum and project ideas. Materials will grow as more teachers e-mail me their ideas over the coming school year. I hope you participate.

**DOMAIN** is the first in a 3-book series (**RESURRECTION & PHOBOS** will follow). The doomsday thriller deals with the very real mysteries surrounding ancient man and the origins of evil. The storyline of **DOMAIN** focuses on the Mayan Calendar's 2,000 year old prophecy that predicts Humanity will Perish on December 21<sup>st</sup> in the year 2012. Being that the Mayan Calendar is actually MORE accurate than the European calendar we base our modern calendar on today, the prophecy is more than a bit unnerving. . .and it makes for a great thriller (think *Matrix* meets *Indiana Jones*). **DOMAIN** blends plenty of startling facts with fiction, weaving the two so tightly that the lines often blur. It is a very heavily researched novel, and, from an educational standpoint, offers a great tool in introducing your students to Egyptian, Maya, Aztec, and Inca cultures, as well as info on nuclear war, politics, and so much more. At the same time, the novel is fast-paced and filled with action, which should entice your readers and non-readers alike.

As my third novel, **DOMAIN** is a major step up in both literacy and content from my two previous novels, **MEG & The TRENCH**. It is receiving outstanding reviews (see Amazon.com). It is currently available in hardback, but the paperback will be released in May of 2002.

From a grade-level standpoint, I would recommend **DOMAIN** for 11<sup>th</sup> to 12<sup>th</sup> graders, although I do receive e-,mail from younger students who loved the book.

The interactive website: [www.SteveAlten.com](http://www.SteveAlten.com) offers supplemental information for the novel, as well as educational links, contests for readers, exciting tours, background information on how I was published, and free downloadable images. Everything is designed to enhance your student's reading experience. The **DOMAIN** link (go to website and click on **DOMAIN** book cover) offers an ANIMATED MOVIE TEASER, EDUCATIONAL LINKS, and much more.

One of the best and most unique aspects of the ADOPT-AN-AUTHOR program is having direct access to a *New York Times* Best-Selling author. I invite your students to e-mail me. A link is provided in the website. I read each and every e-mail, then send out a standard personalized reply to each letter. This is NOT an automated response. After four years of answering e-mail, I know exactly what everyone wants to know. Second and third letters are handled differently.

**DOMAIN** is also part of the ACCELERATED READER program and the SCHOLASTIC READING COUNTS program.

As a former educator, it is my goal to provide teachers with a very unique program that combines thrilling novels with exciting curriculums and opportunities for students to converse with a best-selling author. I am personally financing this entire venture. This is my commitment to you. All I

request is that (once you see the results) you simply spread the word about the program throughout your school and among your peers.

Please do not hesitate to contact me with any questions or input.

I think you will be impressed!

–Steve Alten

## **CURRICULUM MATERIALS**

Because students also have access to this section, answers to questions will only be provided via e-mail (at your request) to teacher e-mail addresses registered in the Adopt-An-Author program.

**Materials are divided as follows:**

- 1. Characters**
- 2. Chronological Event Questions**
- 3. Vocabulary**
- 4. True-False Questions**
- 5. Discussion Points**
- 6. Projects**
- 7. Multiple Choice Questions**
- 8. Matching**
- 9. Counting in Mayan**

## CHARACTERS

### Major Characters:

Michael “Mick” Gabriel

Dominique Vazquez

Professor Julius Gabriel

Pierre Borgia

Ennis Chaney

President Mark Maller

Marvin Teperman

Anthony Foletta

Isadore & Edie Axler

Viktor Grozny

### Minor Characters:

Brian Dodds

Rabbi Steinberg

Raymond

Pete Mabus

Carl Reuben

Sue Reuben

Rex Simpson

Dori Simpson

Captain Edwin Loos

Dick Pryzstas

## Chronological Event Questions

1. The asteroid-like object that struck Earth 65 million years ago killed the \_\_\_\_\_.
2. Dominique Vazquez is assigned to Michael Gabriel, who has been diagnosed a \_\_\_\_\_.
3. Mick mentions the day 4 Ahau, 3 Kankin, a Mayan date which equates to (month) \_\_\_\_\_ (day) \_\_\_\_\_ (year) \_\_\_\_\_.
4. Mick's deceased father, Professor Julius Gabriel, was a(an) \_\_\_\_\_.
5. Calendars are designed to calculate the \_\_\_\_\_ orbit around the \_\_\_\_\_.
6. The Mayan Calendar is \_\_\_\_\_ (more/less) accurate than the Gregorian Calendar we base our modern calendar on today.
7. According to Julius, the "Great Flood" referred to in the bible may have occurred 11,000 to 13,000 years ago after the last \_\_\_\_\_.
8. The Mayan \_\_\_\_\_ is the equivalent of the Mayan bible.
9. The Earth's wobble is referred to as \_\_\_\_\_.
10. The ancient Egyptians equated the dark rift of the Milky Way with the \_\_\_\_\_ river.
11. The Arecibo telescope is the largest \_\_\_\_\_ telescope in the world.
12. The ancient Mayan city of Chichen Itza is located in the \_\_\_\_\_ peninsula.
13. As it has for over 1,000 years, the shadow of a giant \_\_\_\_\_ will appear on the Kukulcan Pyramid next Equinox.
14. Our Sun is located in the \_\_\_\_\_ arm of the Milky Way Galaxy.
15. The mysterious Pi'ri Reis map may have been used by the great explorer, \_\_\_\_\_.
16. The Mayan Calendar actually dates back to the time of the \_\_\_\_\_, the mother culture of Mesoamerica.
17. Elongated skulls have been found in both \_\_\_\_\_ and \_\_\_\_\_ America.
18. The Chixulub Crater dates back to an asteroid impact \_\_\_\_\_ years ago.
19. The Chixulub Crater is located in the \_\_\_\_\_ of \_\_\_\_\_.
20. SOSUS is a network of undersea microphones, originally built by the U.S. Navy to detect enemy \_\_\_\_\_.
21. The Nazca plateau is located in southern \_\_\_\_\_.
22. The Nazca plateau makes the perfect canvas because it receives almost no \_\_\_\_\_.
23. Racal suits protect personnel from \_\_\_\_\_ agents like Ebola.
24. The huge vertical rocks that make up Stonehenge are called \_\_\_\_\_ stones.
25. Mick's blood bleeds blue in the alien ship because the atmosphere is composed of \_\_\_\_\_.
26. The three great pyramids in Giza are set precisely to the three belt stars of \_\_\_\_\_.
27. The largest flat expanse of land on Earth is the \_\_\_\_\_ plain, located in Australia.
28. Life on our planet originated from (land/sea/air) \_\_\_\_\_.
29. When their great teacher, Kukulcan, left the Maya, the Indians began the practice of \_\_\_\_\_.
30. America's aerospace defense command, located in Cheyenne Mountain, is known as \_\_\_\_\_.

31. Karst is a form of \_\_\_\_\_(type of rock).
32. The storehouse of carbon dioxide is \_\_\_\_\_.
33. The Mayan cenote is a sacrificial \_\_\_\_\_.
34. If all the karst were vaporized on Earth, our planet's atmosphere would resemble that of the planet, \_\_\_\_\_.
35. Osiris was a deity of the \_\_\_\_\_ culture.
36. Virococha was the leader of the \_\_\_\_\_ culture.
37. Kukulcan was the great teacher of the \_\_\_\_\_ culture.
38. Quetzalcoatl was the great teacher of the \_\_\_\_\_culture.
39. The Aztec leader, Montezuma, confused the Spanish Conquistador, \_\_\_\_\_ for Quetzalcoatl because the Spaniard was a bearded Caucasian.
40. According to the Mayan *Popol Vuh*, Xibalba Be is known as the Road to the \_\_\_\_\_.

## DOMAIN Vocabulary

(pages refer to hardback edition)

1. Archaeologist	p. 13	38. Rancid	p. 163
2. Candelabra	p. 15	39. Megalithic	p. 166
3. Luminescent	p. 17	40. Apocalyptic	p. 172
4. Conduit	p. 18	41. Aperture	p. 174
5. Photosynthesis	p. 20	42. Subterranean	p. 175
6. Euphemism	p. 24	43. Hyperventilating	p. 194
7. Pathological	p. 24	44. Hydraulics	p. 199
8. Forensic	p. 25	45. Radiance	p. 200
9. Extraterrestrials	p. 26	46. Purgatory	p. 201
10. Incarceration	p. 27	47. precipice	p. 205
11. Schizophrenia	p. 28	48. Intoxicating	p. 207
12. Surveillance	p. 31	49. Maelstrom	p. 223
13. Heretic	p. 39	50. Plutonium	p. 223
14. Heathens	p. 41	51. Carbohydrates	p. 244
15. Annihilation	p. 42	52. Esplanade	p. 248
16. Malevolent	p. 52	53. Ritualized	p. 250
17. Codices	p. 53	54. Trepidation	p. 251
18. Balustrade	p. 54	55. Deity	p. 261
19. Antiquity	p. 55	56. Manifestation	p. 262
20. Delusions	p. 59	57. Grandiose	p. 263
21. Equinox	p. 64	58. Indigenous	p. 272
22. Precession	p. 68	59. Karst	p. 278
23. Jaundiced	p. 71	60. Brethren	p. 285
24. Obelisk	p. 74	61. Preemptive	p. 288
25. Claustrophobic	p. 78	62. Beguiled	p. 297
26. Caucasian	p. 96	63. Geosynchronous	p. 302
27. Topography	p. 110	64. Tactical	p. 303
28. Geriatric	p. 117	65. Sarcophagus	p. 322
29. Gypsum	p. 123	66. Photovoltaic	p. 337
30. Plankton	p. 129	67. Asphyxiation	p. 344
31. Calisthenics	p. 131	68. Tsunamis	p. 352
32. Siphonophore	p. 142	69. Holographic	p. 353
33. Vortex	p. 143	70. Seismograph	p. 357
34. Centrifugal	p. 144	71. Labyrinth	p. 359
35. Exobiologist	p. 148	72. Kaleidoscope	p. 369
36. Pyre	p. 152	73. Obsidian	p. 371
37. peripheral	p. 161	74. Resurrection	p. 379

## TRUE - FALSE QUESTIONS

1. (True, False) The asteroid-like object that struck Earth 65 million years ago was composed of iridium.
2. (True, False) Dominique has Mayan blood in her family.
3. (True, False) Mick has been in a mental facility for two years.
4. (True, False) Secretary of State Pierre Borgia lost an eye to cancer.
5. (True, False) The Mayan Calendar is more accurate than the Gregorian Calendar, even though it is much older.
6. (True, False) The Great Flood, referred to in the Bible, may actually have been caused by melting from the last Ice Age.
7. (True, False) Dominique agrees to sign-off on Mick's evaluation only if he is allowed out of solitary.
8. (True, False) There are four great pyramids in Giza, all aligned with the Orion stars.
9. (True, False) On each Equinox, the shadow of a giant serpent actually appears on the Kukulcan Pyramid in Chichen Itza.
10. (True, False) The Maya were great astronomers who never mastered the wheel.
11. (True, False) Antarctica was discovered in 1818, 500 years *after* the Piri Reis maps documented its existence.
12. (True, False) The Maya were the mother culture of all Mesoamerica.
13. (True, False) Mayan mothers would deform their newborn's skull by binding it with rope and boards.
14. (True, False) The Chicxulub Crater is located in Arizona and dates back 65 million years.
15. (True, False) SOSUS is a series of underwater microphones originally designed to hunt down UFOs.
16. (True, False) The artwork on the Nazca Plateau is so immense, you can only see it by flying over it.
17. (True, False) Viracocha was to the Inca as Kukulcan was to the Maya - a legendary teacher.
18. (True, False) Isadore Axler detects strange sounds in the Gulf of Mexico using SOSUS. 19. (True, False) The great sarsan stones of Stonehenge had to be transported from distances over 20 miles away.
20. (True, False) Circular designs on the sarsan stone tombs in England are similar to designs found on the Nazca desert.
21. (True, False) Many sarcophagus have been found in the Great Pyramid of Giza.
22. (True, False) The Great Pyramid may date back over 10,000 years.
23. (True, False) The Nullarbor Plain in Australia is the largest, flattest land mass in the world.
24. (True, False) The Pyramid of the Sun is the largest man-made structure in the Western Hemisphere.
25. (True, False) The word "Hurricane" originates from the Mayan word for the death-God, Hurrakan.

## Discussion Points

1. Could the Pyramid of Giza be re-constructed today? How long would it take? How did an ancient people build these huge temples...and why?
2. How were sarsan stones weighting as much as 18,000 pounds moved 20 miles over hills and valleys, then lifted to erect Stonehenge?
3. What special effect creates the shadow of a giant serpent on the Kukulcan Pyramid each Equinox? How was it accomplished?
4. How would you go about creating a giant spider or monkey on a desert using one continuous line?
5. If you were an astronaut visiting a planet of ancient humanoids, how would you assist their culture? How would you let future cultures know you had been there?
6. If the first Caucasians in Central America were Europeans, who was the great Kukulcan, and how did he arrive in Mesoamerica at least 500 years earlier that Cortez?
7. Our planet has a history of natural disasters that have wiped out almost all life forms. What were these disasters? Could humanity be destroyed in the year 2012?
8. If you were Mick Gabriel and were asked to make the ultimate sacrifice (Earth or Xibalba) what would you do?

## PROJECTS

1. Create a detailed sketch of a scene in the book.
2. Write a biography on one of the main characters.
3. Discuss one of Julius Gabriel's journal entries.
4. Give a 2 minute speech about the novel in front of the class.
5. Create a collage based on the novel.
6. Watch a video/do a report on one of the following:  
A) Chichen Itza    B) Stonehenge    C) Giza    D) Nazca  
E) Mayans    F) Inca    G) Egyptians    H) Aztec  
I) Kukulcan    J) Quetzalcoatl    K) Viracocha    L) Osiris
7. Contact the Author via e-mail and interview him.
8. Create a book cover design or movie poster.
9. Paper mache an elongated Mayan skull.
10. Cast characters for the DOMAIN movie.
11. Visit one of the ancient sites in DOMAIN.
12. Artwork: Create/Draw/Paint:  
A) The asteroid strike  
B) The Kukulcan Pyramid  
C) The Pyramids in Giza  
D) Stonehenge  
E) A Nazca drawing
13. Website assignments:  
a) download a free image  
b) write the author  
c) take one of the tours  
d) enter a contest
14. Part Two of DOMAIN (RESURRECTION) will take place in the year 2032. Create new inventions and e-mail them to the author. If one is selected, you may become a character in an upcoming Steve Alten thriller.

## MULTIPLE CHOICE QUESTIONS





















1. The asteroid-like object that killed the dinosaurs is located in:
  - a) Chichen Itza
  - b) Gulf of Mexico
  - c) Arizona
  - d) Egypt
  
2. Mick Gabriel is in an insane asylum because he:
  - a) thinks the world will end
  - b) attacked Pierre Borgia during his father's seminar
  - c) attacked Dominique
  - d) is a paranoid schizophrenic
  
3. Elongated skulls have been discovered in:
  - a) Central America
  - b) South America
  - c) All of the above
  - d) None of the above.
  
4. Dominique helps Mick escape because:
  - a) she loves him
  - b) he bribes her
  - c) Foletta means to kill him
  - d) she needs his help investigating her father's death
  
5. Vice President Chaney helps Mick escape because:
  - a) he is worried about the doomsday prophecy
  - b) he hates Pierre Borgia
  - c) Dominique begged him
  - d) he once knew Mick's father.
  
6. Mick's childhood was traumatized:
  - a) when he witnessed Julius suffocating his mother
  - b) when he discovered he was Hunaphu
  - c) when he learned humanity will perish in the year 2012
  - d) when he was taken out of public school
  
7. The shadow of a giant serpent appears every Equinox on:
  - a) the Kukulcan Pyramid
  - b) the Great Pyramid of Giza
  - c) the Pyramid of the Sun
  - d) Stonehenge

8. The 3-pronged candelabra-like carving in the side of a Peruvian mountain is known as:
  - a) the Nazca drawing
  - b) the Trident of Paracas
  - c) the sacred cenote
  - d) Stonehenge
  
9. The Piri Reis map may have been used by:
  - a) the Guardian
  - b) Julius Gabriel
  - c) Christopher Columbus
  - d) Cortez
  
10. The Aztec leader, Montezuma, actually allowed the invading Spanish armies into his city because he believed Cortes was:
  - a) Mick Gabriel
  - b) an extraterrestrial
  - c) Quetzalcoatl
  - d) Osiris

## MATCHING

- |                             |  |
|-----------------------------|--|
| _____ Kukulcan              | A. Name of the 65 million year old crater        |
| _____ Quetzalcoatl          | B. Largest Pyramid in World                      |
| _____ Osiris                | C. Inca deity                                    |
| _____ Viracocha             | D. Mysterious structure in United Kingdom        |
| _____ Olmec                 | E. North American Aerospace Command Center       |
| _____ Chicxulub             | F. Largest man-made object in Western Hemisphere |
| _____ NORAD                 | G. The great Mayan wise man                      |
| _____ SOSUS                 | H. Site of the Equinox serpent's shadow event    |
| _____ Great Pyramid of Giza | I. Home of thousands of lines and drawings       |
| _____ Pyramid of the Sun    | J. A series of undersea microphones              |
| _____ Kukulcan Pyramid      | K. An Egyptian deity                             |
| _____ Stonehenge            | L. An Aztec deity/wise man                       |
| _____ Nazca                 | M. The mother culture of Mesoamerica             |

# COUNTING IN MAYAN

0		7		14	
1		8		15	
2		9		16	
3		10		17	
4		11		18	
5		12		19	
6		13		20	