



LEARNING SCIENCE USING MOVIES
NIM'S ISLAND

- 1) WHO IS NIM? HOW DO NIM AND HER FATHER GET THE SUPPLIES THEY NEED TO SURVIVE?
- 2) IS THE MOVIE NIM'S ISLAND BASED ON A FICTION OR NONFICTION BOOK? HOW DO YOU KNOW?
- 3) THE PELICAN TAUGHT NIM THAT WHEN TWO OBJECTS OF DIFFERENT MASSES FALL FROM THE SKY, THEY_____.
- 4) WHAT TYPE OF SCIENTIST IS NIM'S FATHER? WHAT DOES HE STUDY?
- 5) WHY DIDN'T NIM ACCOMPANY JACK ON HIS EXPEDITION?
- 6) WHO IS ALEX ROVER, AND HOW DID NIM MEET HIM/HER?
- 7) ARE THE TIME ZONES BETWEEN NIM'S ISLAND AND SAN FRANCISCO PORTRAYED CORRECTLY?
- 8) WHAT MEDICAL CONDITIONS DOES ALEX ROVER SUFFER FROM?
- 9) HOW DID JACK FIX HIS LEAKING BOAT? EXPLAIN THE EQUIPMENT HE CREATED IN THE EMERGENCY AND HOW IT HELPED.
- 10) WHAT DID JACK USE AS AN ENERGY SOURCE TO POWER HIS DEVICE?
- 11) WHO IS GALILEO AND HOW DID HE ASSIST JACK'S RESCUE?
- 12) WHO ARE THE "BUCANEERS" AND WHY ARE THEY A THREAT TO NIM AND HER ISLAND?
- 13) USING LATITUDE AND LONGITUDE, WHERE IS NIM'S ISLAND? IS THAT ENOUGH INFORMATION FOR SOMEONE TO LOCATE HER ISLAND?
- 14) WHAT GREEK INVENTION DID NIM BUILD TO HELP DEFEND HER ISLAND FROM THE BUCANEERS?
- 15) WHY COULDN'T ALEX ROVER TAKE SOME OF HER PERSONAL BELONGINGS UPON THE AIRPLANE?
- 16) DESCRIBE WHAT TURBULENCE IS WHEN FLYING IN AN AIRCRAFT.
- 17) WHAT ARE PHOBIAS? WHICH PHOBIAS DO ALEX ROVER EXHIBIT?
- 18) WHAT IS A MONSOON?
- 19) HOW DID NIM GET THE VACATIONING INTRUDERS OFF THE ISLAND?
- 20) CAN A VOLCANO BE MADE TO ERUPT BY DROPPING A LARGE ROCK AND CREATING A LANDSLIDE?
- 21) WHY WAS IT SNOWING WHEN SHE MET THE BOY IN THE JUNGLE?
- 22) WHY WAS NIM DISAPPOINTED THE REAL ALEX ROVER WAS A FEMALE?
- 23) WHAT DO YOU THINK THE LINE "BE THE HERO OF YOUR OWN STORY" MEANS? EXPLAIN IN ESSAY FORM.
- 24) DO YOU THINK THIS MOVIE IS INSPIRATIONAL FOR GIRLS WHO LIKE SCIENCE AND TECHNOLOGY? WHAT SCIENCE SKILLS OR TECHNOLOGY WOULD BE NEEDED FOR SURVIVAL ON AN ISLAND?