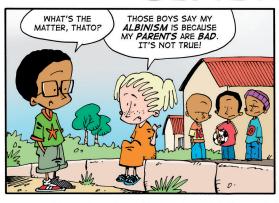
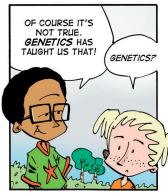
# BIOTECHNOLOGY GENETIC CON

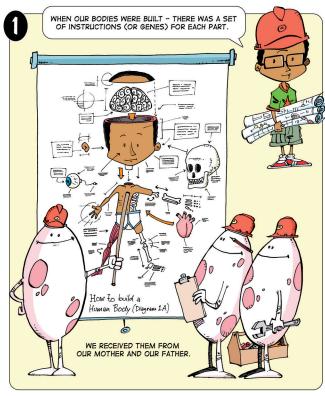




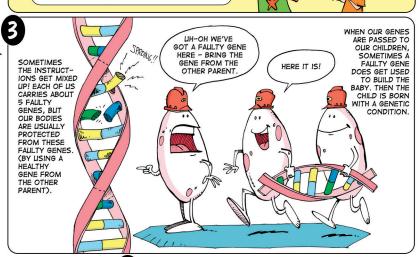
THE STUDY OF GENES, TT'S PART OF BIOTECHNOLOGY
- LEARNING ABOUT LIVING
PROCESSES AND HOW THEY AFFECT OUR LIVES!

BIOTECHNOLOGY HEY IS HELPING US THAT'S FIND WAYS OF GREAT -TPEATING TELL ME GENETIC MORE! CONDITIONS.

#### ERITANCE



SINCE WE RECEIVED GENES FROM BOTH PARENTS OUR BODIES CHOSE WHICH ONES TO USE. I HAVE MY MOTHER'S EARS, BUT MY FATHER'S NOSE!



WHEN PARENTS ARE WHEN PARENTS ARE
CLOSELY RELATED
(SUCH AS COUSINS)
THERE IS MUCH MORE
CHANCE OF BOTH PARENTS
GIVING A CHILD THE
SAME FAULTY GENE.



GENETIC TESTING
CAN HELP PARENTS
PREDICT A GENETIC
CONDITION.
FOR MORE
INFORMATION
CONTACT THE
NATIONAL HEALTH LABORATORY
SERVICES
(011) 386 6000.

REMEMBER - NO ONE IS TO BLAME AND HELP IS AVAILABLE. DON'T

BE AFRAID TO TALK ABOUT THESE THINGS.

#### C 60



## DEFECTS

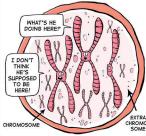
SOMETIMES BABIES ARE BORN WITH PART OF THE SPINE NOT COVERED WITH SKIN AND BONE. ALL PREG-NANT WOMEN SHOULD EAT LOTS OF FOLIC ACID (CONTAINED IN GREEN LEAFY VEGETABLES) WHICH HELPS THE GENES BUILD THE SPINE CORRECTLY.



YOU CAN ALSO GET FOLIC ACID FROM A CLINIC OR PHARMACY.

#### SYNDROME

DOWN SYNDROME (A FORM OF MENTAL RETAR-DATION) CAN OCCUR WHEN PARENT PASSES ON AN EXTRA SET OF GENES (CHROMOSOME) TO THE CHILD. THIS EXTRA SET OF GENES CAUSES PROBLEMS AS THE CHILD DEVELOPS.



THE CHANCE OF HAVING A CHILD WITH DOWN SYNDROME INCREASES AS THE PARENTS GET OLDER.

TALK TO DOWN SYNDROME SOUTH AFRICA FOR SUPPORT: 0861 369 672

## CLEFT LIP AND

SOMETIMES CHILDREN ARE BORN WITH A SPLIT IN THEIR TOP LIP AND PALATE. THIS CONDITION CAN BE FIXED BY A SURGEON (A SPECIAL DOCTOR).



SPEAK TO A DOCTOR OR CONTACT: (011) 646 5508





