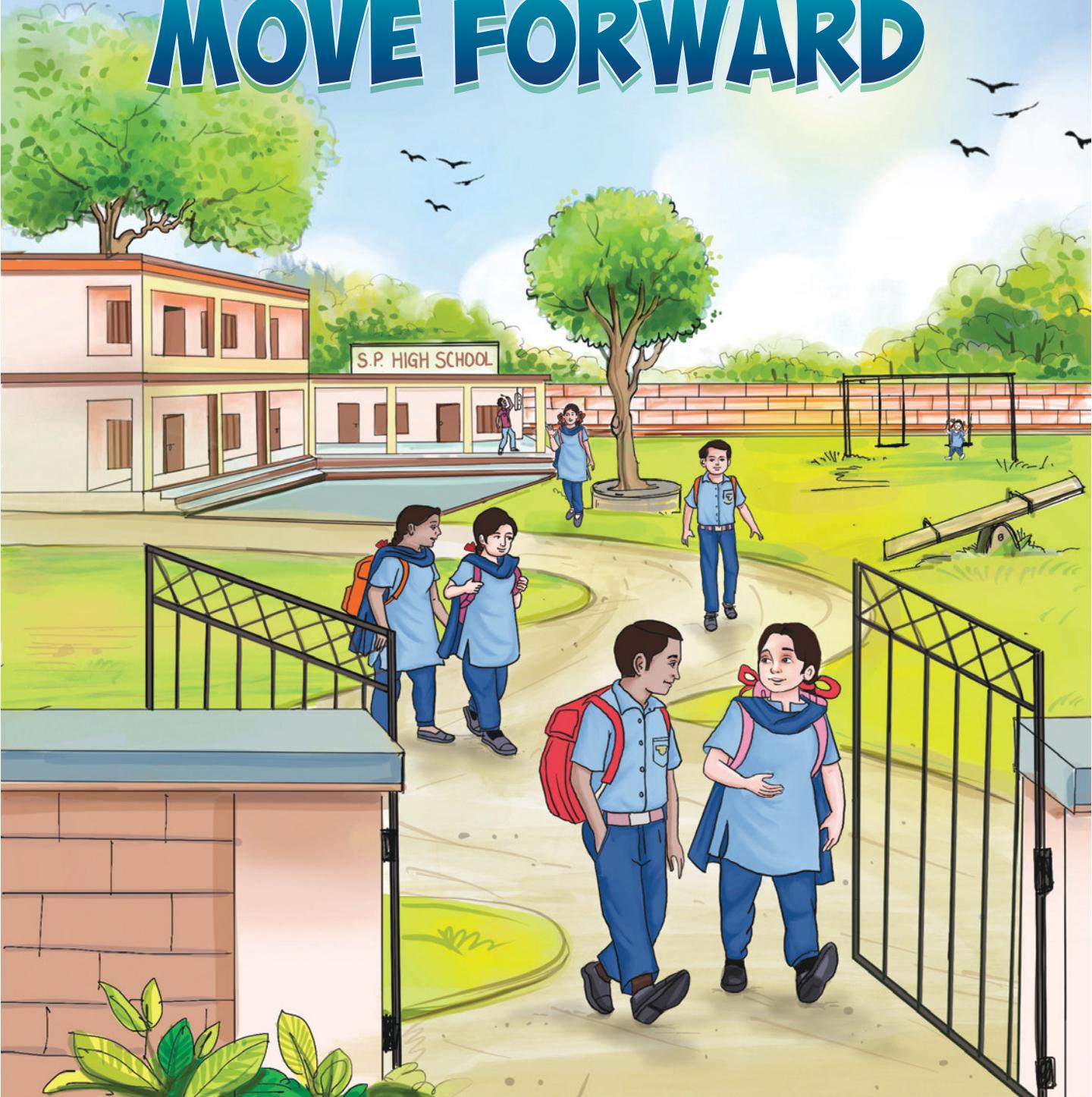




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LET'S MOVE FORWARD



Foreword

Quality education is the foundation of health and well-being, which is a prerequisite for national development. Schools create a unique opportunity to improve both the education and health of learners. The 2030 Agenda for Sustainable Development shows us that quality education, good health and well-being, gender equality and human rights are intrinsically intertwined. Healthy and happy learners learn better, while poor health can have a detrimental effect on school attendance and academic performance.

The National Council of Educational Research and Training (NCERT) took the lead in developing the School Health Programme curriculum and resource materials on health and well-being of adolescents in partnership with UN agencies and other partners. We are pleased to collaborate with the NCERT and the Ministry of Education, Government of India to promote health and well-being of all children and young people. Together we are committed to ensure that all children and young people benefit from good quality health education and have access to safe, inclusive, health-promoting learning environments.

This comic book covers eleven themes, notably growing up healthy, emotional well-being and mental health, interpersonal relationships, values and citizenship, gender equality, nutrition, health and sanitation, prevention and management of substance abuse, promotion of healthy lifestyles, reproductive health and HIV prevention, safety and security against violence and injuries and promotion of internet safety and responsible social media behavior.

The essence of joyful learning comes through this Comic book which aims at enhancing knowledge and awareness of adolescents on health issues and will also equip them with the necessary life skills to adopt healthy behaviour for their overall development.

We hope that students, teachers and health educators will use this Comic book to promote young people's right to education, health and well-being and work together to achieve an inclusive and gender equal society.



Eric FALT

Director and Representative
to Bhutan, India, the Maldives, and Sri Lanka

धर्मेन्द्र प्रधान
धर्मेन्द्र प्रधान
Dharmendra Pradhan



मंत्री
शिक्षा; कौशल विकास
और उद्यमशीलता
भारत सरकार

Minister

Education; Skill Development
& Entrepreneurship
Government of India



MESSAGE

I am pleased to learn that UNESCO New Delhi has developed a Comic book in partnership with NCERT on the 11 themes of School Health Programme under Ayushman Bharat.

Good health is a prerequisite for national development. Therefore, the health and wellbeing of adolescents is the topmost priority in nation-building efforts. Realising the facts about the health of adolescents, the Ministry of Education in collaboration with the Ministry of Health and Family Welfare, Government of India launched the School Health Programme (SHP) under Ayushman Bharat.

Education and health are inextricably linked, and schools are the ideal setting for both health education and health promotion initiatives targeted at children and young people. In pursuing the goals outlined in the National Education Policy 2020 for quality education, emphasis on health education for student's wellness such as fitness, good health, psycho-social well-being is imperative and needs to be addressed in school curriculum and pedagogy.

I would like to congratulate UNESCO New Delhi and NCERT for developing this Comic Book on health and well-being, which aims to increase knowledge, inculcate positive attitudes and enhance life skills in order to promote informed, responsible and healthy behaviours among school going children. I also extend my best wishes for the continued success for the School Health Programme and encourage all stakeholders to work together and spread information and awareness that contributes to transforming the lives of millions of children, adolescents and their families across our country.


(Dharmendra Pradhan)

सबको शिक्षा, अच्छी शिक्षा



कौशल भारत, कुशल भारत

Acknowledgements

This Comic book on health and well-being represents a collaborative effort, made possible thanks to the support and advice received from many individuals and organizations.

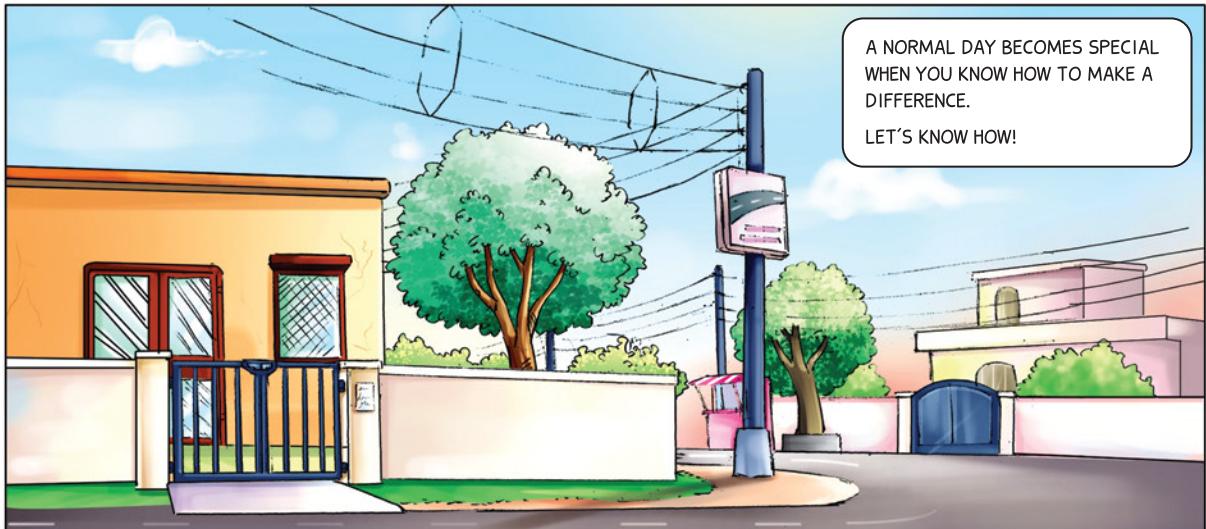
It was produced following recommendations by the National Council of Educational Research and Training (NCERT) under the leadership of Prof. Dinesh Prasad Saklani, Director, NCERT and Prof. Amarendra Behera, Joint Director, Central Institute of Educational Technology (CIET), NCERT.

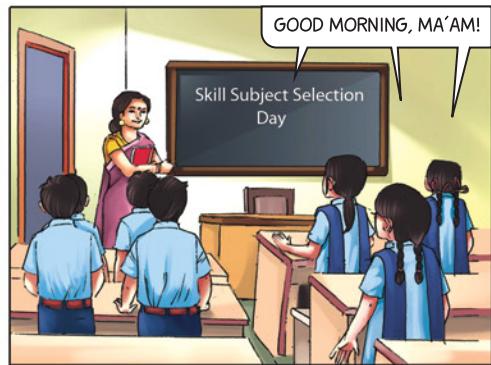
We would also like to acknowledge Dr. Mallika Preman, Principal, Tagore International School, and teachers and students from the school for reviewing the comic book and providing feedback.

The development and production of this comic book was coordinated by Sarita Jadav. Thanks goes to Joyce Poan and Prashant Yadav for their valuable review and inputs.

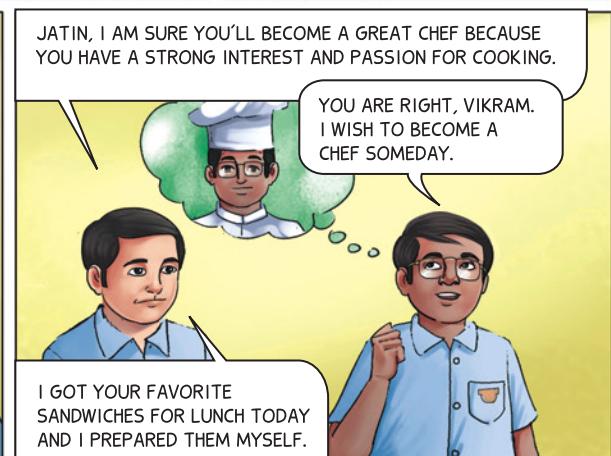
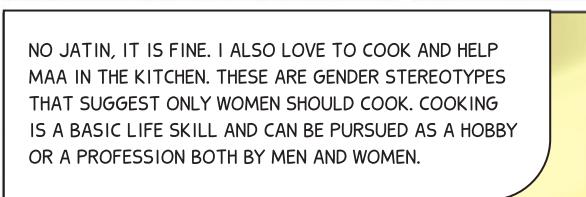
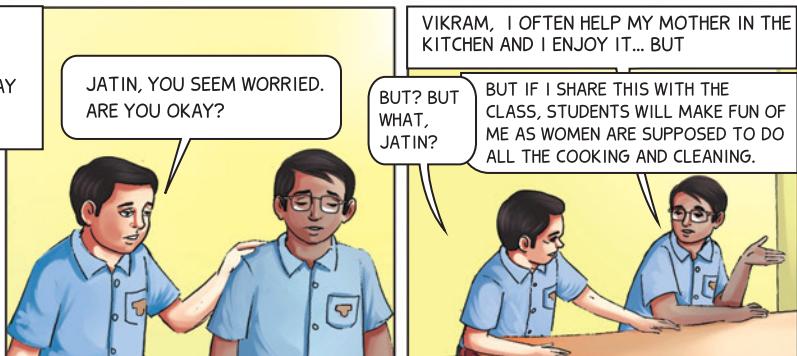
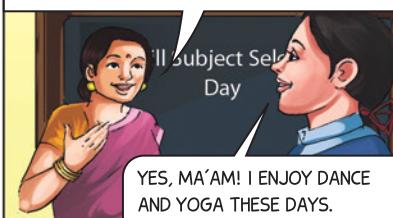
The publication was made possible through financial contributions from UNAIDS Unified Budget, Results and Accountability Framework (UBRAF) funding for UNESCO.

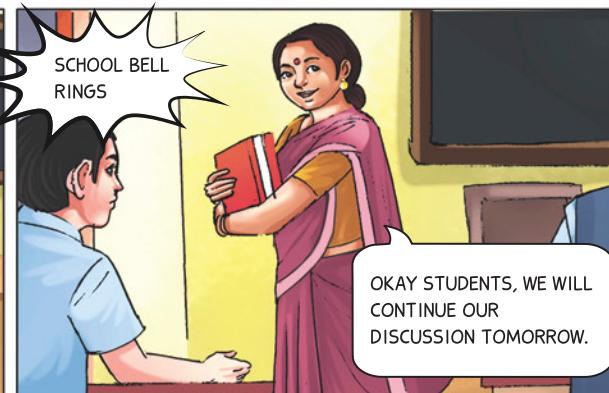
This comic book is conceptualised, designed and illustrated by Clay Brains.

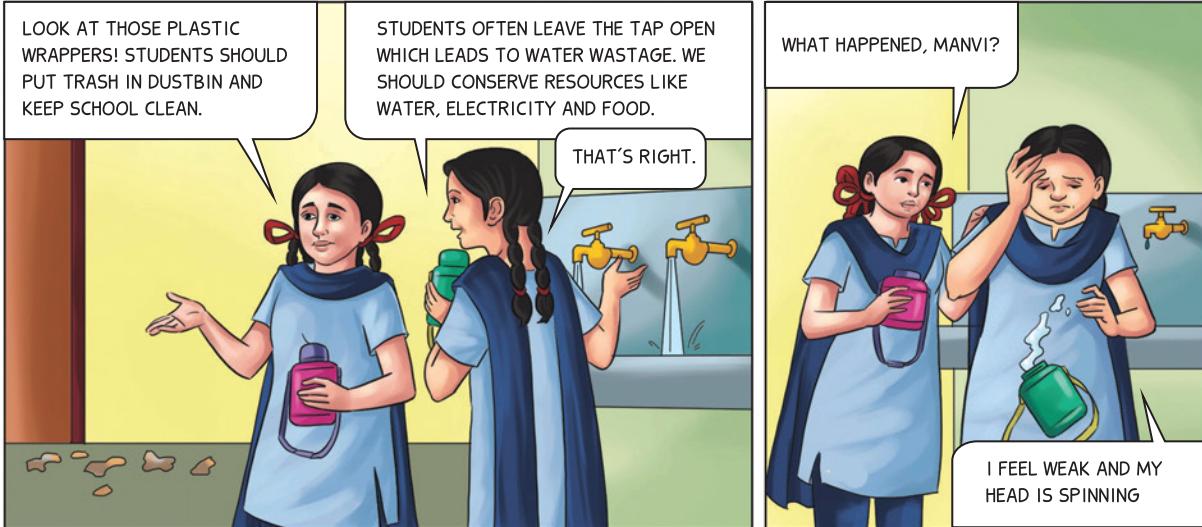




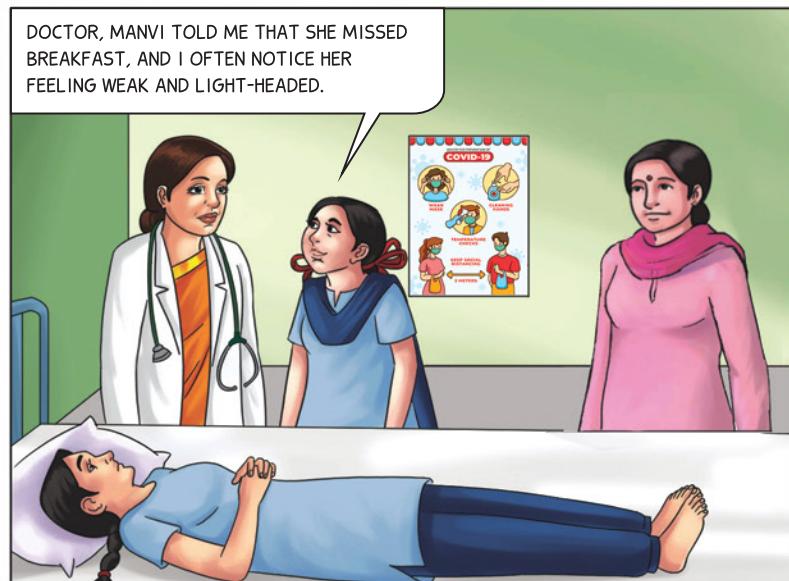
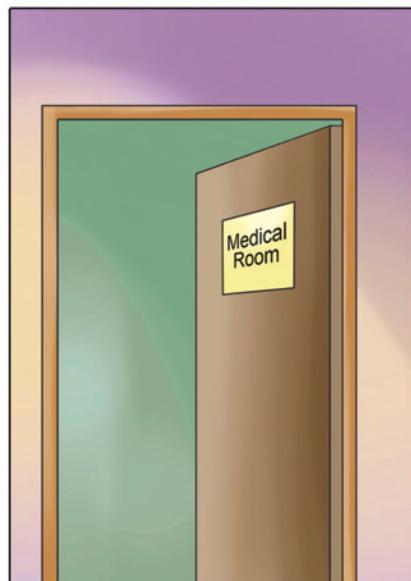
THAT IS COMPLETELY NORMAL. DURING ADOLESCENCE, ALL CHILDREN UNDERGO PHYSICAL AND MENTAL GROWTH. SO IT'S OKAY IF YOUR INTERESTS CHANGE OVER TIME.

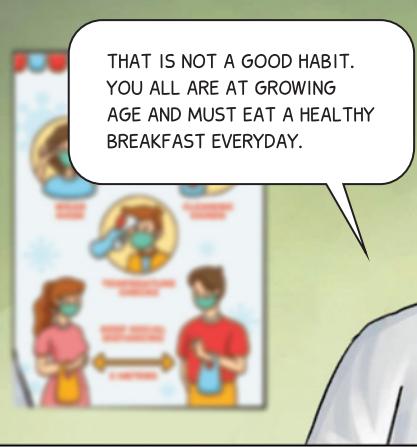






I FEEL WEAK AND MY HEAD IS SPINNING





THAT IS NOT A GOOD HABIT. YOU ALL ARE AT GROWING AGE AND MUST EAT A HEALTHY BREAKFAST EVERYDAY.

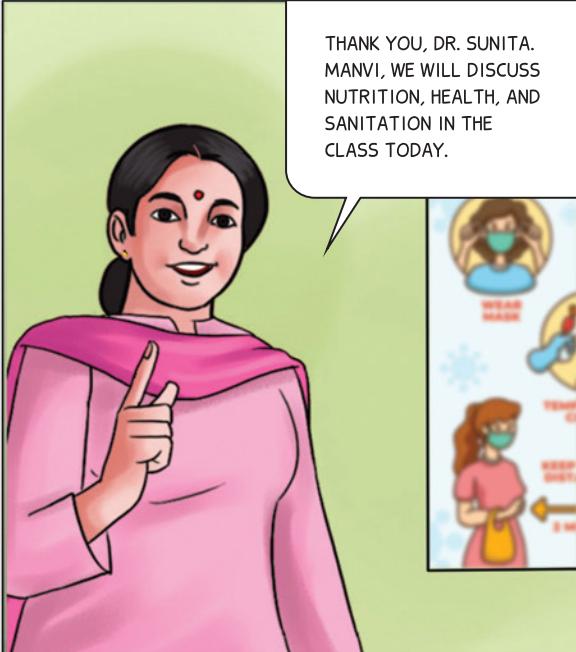
MANVI, ADOLESCENT GIRLS MENSTRUATE EVERY MONTH, WHICH CAN LEAD TO IRON DEFICIENCY, ALSO KNOWN AS ANEMIA. YOU SHOULD EAT A BALANCED DIET AND NEVER SKIP BREAKFAST.



THAT'S RIGHT! OUR GOVERNMENT RUNS VARIOUS SCHEMES TO PROVIDE IRON AND FOLIC ACID SUPPLEMENTS IN SCHOOLS TO SUPPORT THE NUTRITIONAL NEEDS OF CHILDREN.



DRINK THIS GLUCOSE WATER WITH AN IRON TABLET, MANVI.

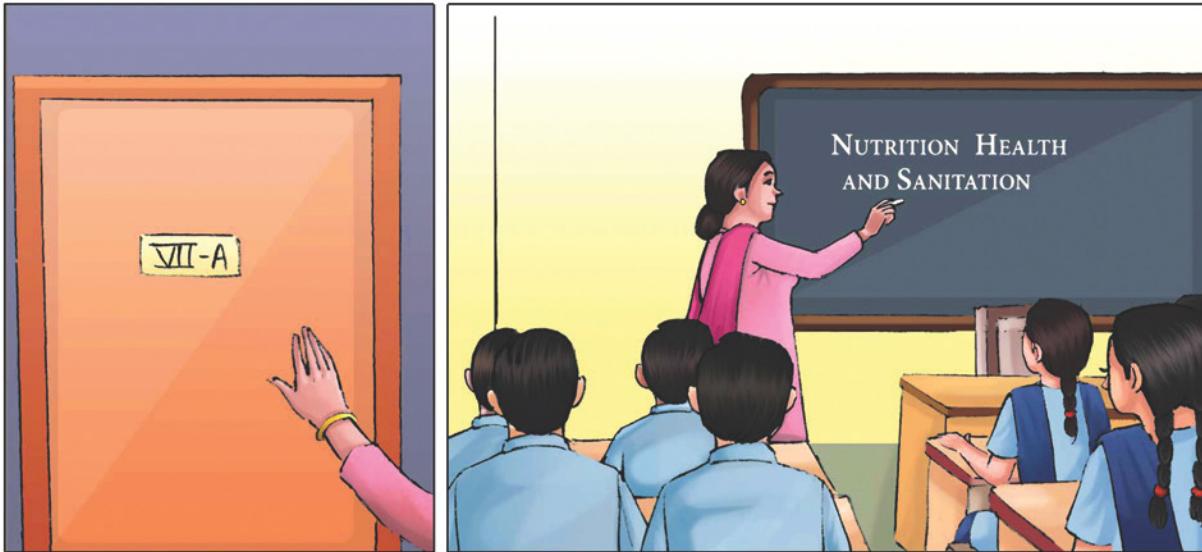


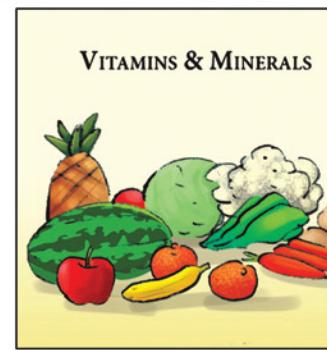
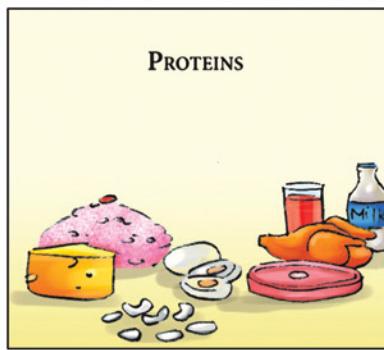
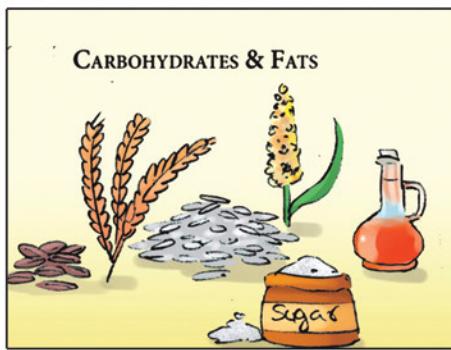
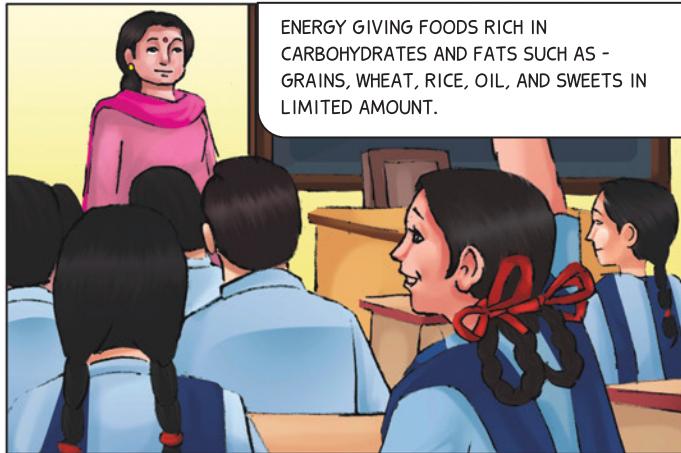
THANK YOU, DR. SUNITA. MANVI, WE WILL DISCUSS NUTRITION, HEALTH, AND SANITATION IN THE CLASS TODAY.



EAT NUTRITIOUS FOODS LIKE SATTU, PEANUTS, AND FRUITS WHICH ARE EASILY AVAILABLE AT HOME.

I FEEL BETTER NOW AND WON'T MISS MY BREAKFAST IN FUTURE.





CAN ANYONE SHARE HOW WE CAN MAINTAIN PERSONAL HYGIENE?

MAY I, MA'AM?

YES, PLEASE GO AHEAD.

WE SHOULD BRUSH OUR TEETH TWICE, BATHE, COMB OUR HAIR AND WEAR WASHED CLOTHES EVERY DAY.

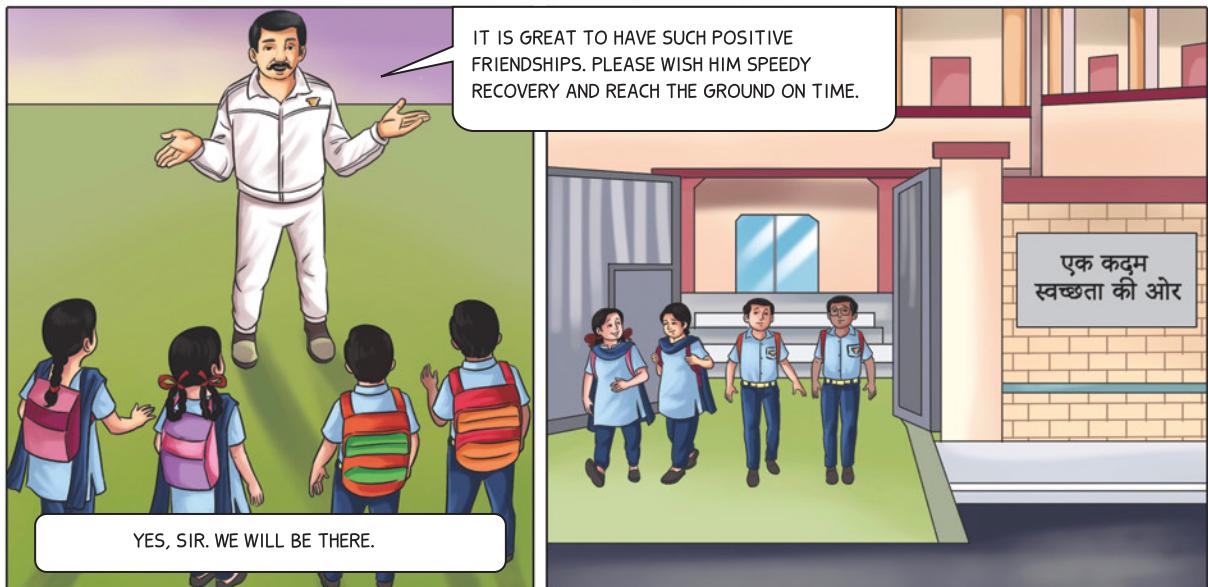
VERY GOOD! ALL THESE HABITS PROTECT US FROM DISEASES AND KEEP US HEALTHY.

MA'AM, ARE THERE ANY PHYSICAL CHANGES IN OUR BODIES DURING ADOLESCENCE?

BEING A TEENAGER CAN BE FUN, BUT IT CAN ALSO BE CHALLENGING AS YOUR BODY SHAPE CHANGES. THESE PHYSICAL CHANGES CAN BE HARD TO DEAL WITH. GIRLS START MENSTRUATING BETWEEN THE AGES OF 9-16 YEARS AND THEIR BODY GOES THROUGH MANY CHANGES. AND FOR ADOLESCENT BOYS, THEIR VOICE CRACKS OR THEY MIGHT GET WET DREAMS WHICH IS NORMAL TO OCCUR AT THIS AGE.

THANK YOU, MA'AM.

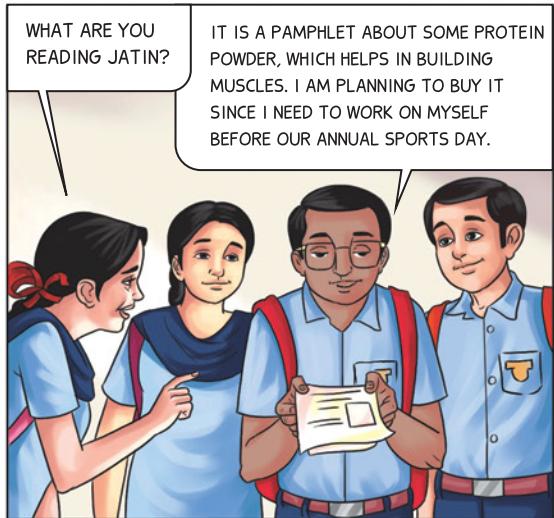
 EATING THREE REGULAR MEALS A DAY WILL HELP IN MEETING OUR NUTRITIONAL NEEDS. SKIPPING MEALS IS NOT ADVISED AS WE MISS OUT ON VITAMINS, MINERALS AND CARBOHYDRATES THAT MAY LEAVE US LACKING ENERGY OR HAVING TROUBLE CONCENTRATING. DURING PUBERTY, BOTH BOYS AND GIRLS UNDERGO PHYSICAL CHANGES. HAVING CORRECT INFORMATION ABOUT OUR BODY IS VERY IMPORTANT. SO WHENEVER IN DOUBT, PLEASE ASK QUESTIONS TO ADULTS.





TOXIC CHEMICALS AND DISEASE, CAUSING MICROORGANISMS IN THE TRASH, MAY ALSO CONTAMINATE WATER SYSTEMS AND SPREAD WATER-BORNE DISEASES, WHICH CAN BE HARMFUL TO BOTH HUMANS AND ANIMALS. IT ALSO DEPICTS A BAD IMAGE OF OUR SCHOOL AND COMMUNITY.

IT'S ALSO IMPORTANT TO SEGREGATE DRY AND WET WASTE. SO, WE MUST HAVE TWO SEPARATE DUSTBINS AND USE THEM ACCORDINGLY.



JATIN, SUCH ADVERTISEMENTS ARE MISLEADING AND MAKE FALSE PROMISES. AND WE MUST BE CAREFUL.

MY FRIEND ONCE GOT CHEATED INTO BUYING A BEAUTY CREAM THAT PROMISED TO MAKE HER FAIR IN A FEW WEEKS. WE SHOULDN'T FALL FOR SUCH SCHEMES, WHAT MATTERS IS OUR INNER BEAUTY AND STRENGTH.



IF YOU WANT TO WORK ON YOUR MUSCLES, YOU MUST EAT HEALTHY AND SEEK ADVICE FROM OUR COACH SIR.

YES, COACH SIR CAN SUGGEST PROPER EXERCISES AND DIET PLANS TO HELP YOU.



THANK YOU FRIENDS. I WILL SPEAK TO COACH SIR ABOUT THIS. NOW, SHALL WE GO MEET RAGHAV?

YES, LET'S GO.



OUR BEAUTY IS BASED ON HOW WE LOOK AT OURSELVES AS WELL AS THE VALUES WE POSSESS. BEAUTY AND IDEAL BODY IS A SOCIETAL-CONSTRUCT FALSE IMAGE. WE ARE BEAUTIFUL IN OUR OWN WAYS AND MUST NEVER FALL INTO FALSE PROMISES OF MISLEADING ADS.

EACH INDIVIDUAL HAS VALUES BASED ON FACTORS, SUCH AS FAMILY, PEERS, CULTURE, RACE, SOCIAL BACKGROUND, GENDER, RELIGION.

BUT WHAT MATTERS MOST ARE THE PERSONAL QUALITIES WE CHOOSE TO EMBODY TO GUIDE OUR ACTIONS; THE SORT OF PERSON WE WANT TO BE; THE MANNER IN WHICH WE TREAT OURSELVES AND OTHERS, AND OUR INTERACTION WITH THE WORLD AROUND US.

THEY REACH RAGHAV'S HOUSE LANE. RAGHAV IS SITTING ON A WHEELCHAIR IN HIS VERANDAH.

HELLO RAGHAV.



HOW DID THIS HAPPEN, RAGHAV?



UNFORTUNATELY, I WAS RIDING MY BROTHER'S MOTORCYCLE WITHOUT A HELMET AND I RAMMED INTO A PARKED CAR.

UNDERAGE DRIVING IS A CRIME AND DANGEROUS NOT ONLY FOR YOU BUT ALSO FOR OTHERS ON THE ROAD. THERE ARE MANY TEENAGERS WHO HAVE LOST THEIR LIVES DUE TO RECKLESS DRIVING. YOU SHOULD NOT DO IT AGAIN.

DID YOUR DOCTOR SAY WHEN CAN YOU JOIN SCHOOL?

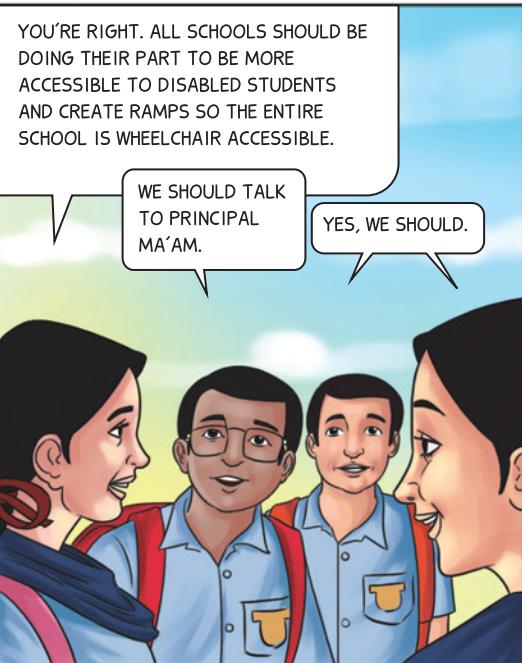
I REALISE IT WAS A MISTAKE. I AM BETTER BUT I HAVE TO USE WHEELCHAIR FOR A WHILE AND OUR SCHOOL HAS NO WHEELCHAIR-ACCESSIBLE RAMP FOR STUDENTS WITH DISABILITIES.



YOU'RE RIGHT. ALL SCHOOLS SHOULD BE DOING THEIR PART TO BE MORE ACCESSIBLE TO DISABLED STUDENTS AND CREATE RAMPS SO THE ENTIRE SCHOOL IS WHEELCHAIR ACCESSIBLE.

WE SHOULD TALK TO PRINCIPAL MA'AM.

YES, WE SHOULD.



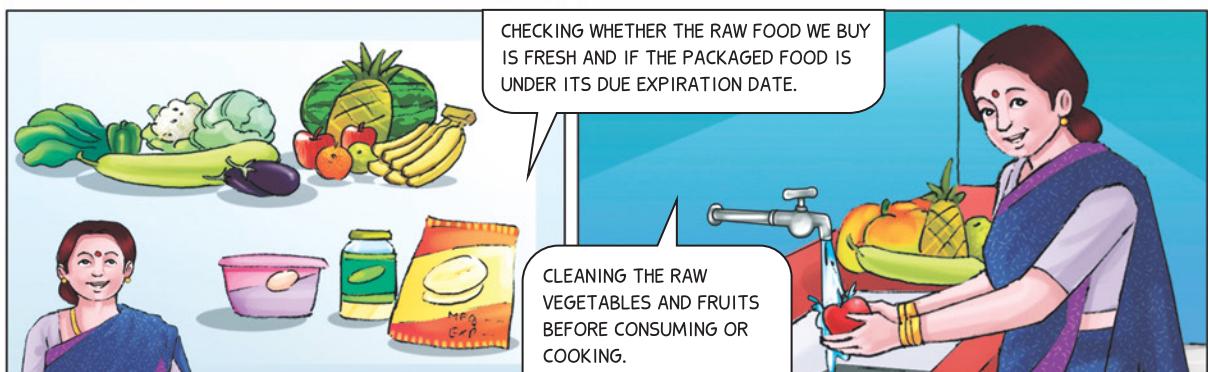
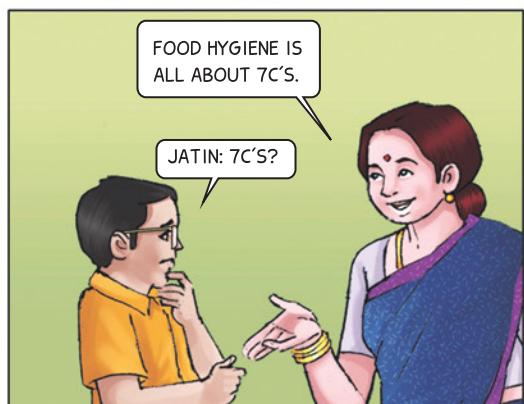
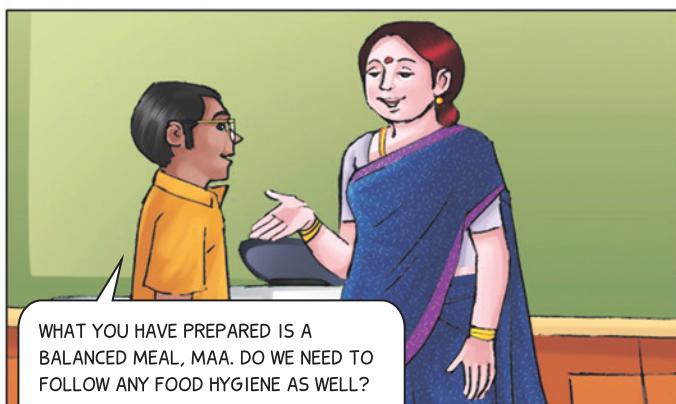
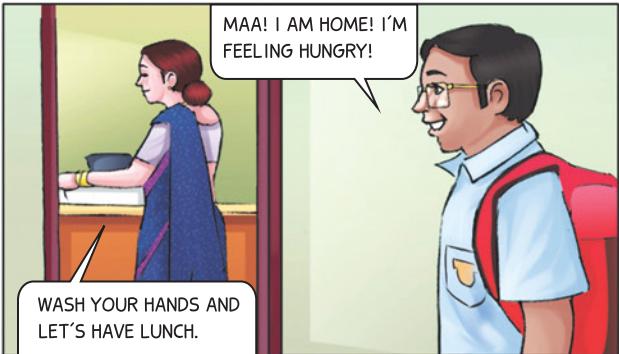
RAGHAV: THANK YOU, FRIENDS.

REENA: YOU TAKE CARE AND REST WELL.



IT IS IMPORTANT TO BE SENSITIVE TO OTHERS AROUND US. WE CAN PLAY AN IMPORTANT ROLE IN SUPPORTING CHILDREN WITH DISABILITIES BY UNDERSTANDING THEIR NEEDS AND MAKING THEM FEEL INCLUSIVE.





COVERING THE FOOD AND DRINKING WATER TO PREVENT DUST AND GERMS.



AVOID CROSS-CONTAMINATION BY KEEPING THE RAW FOOD AND COOKED FOOD APART.



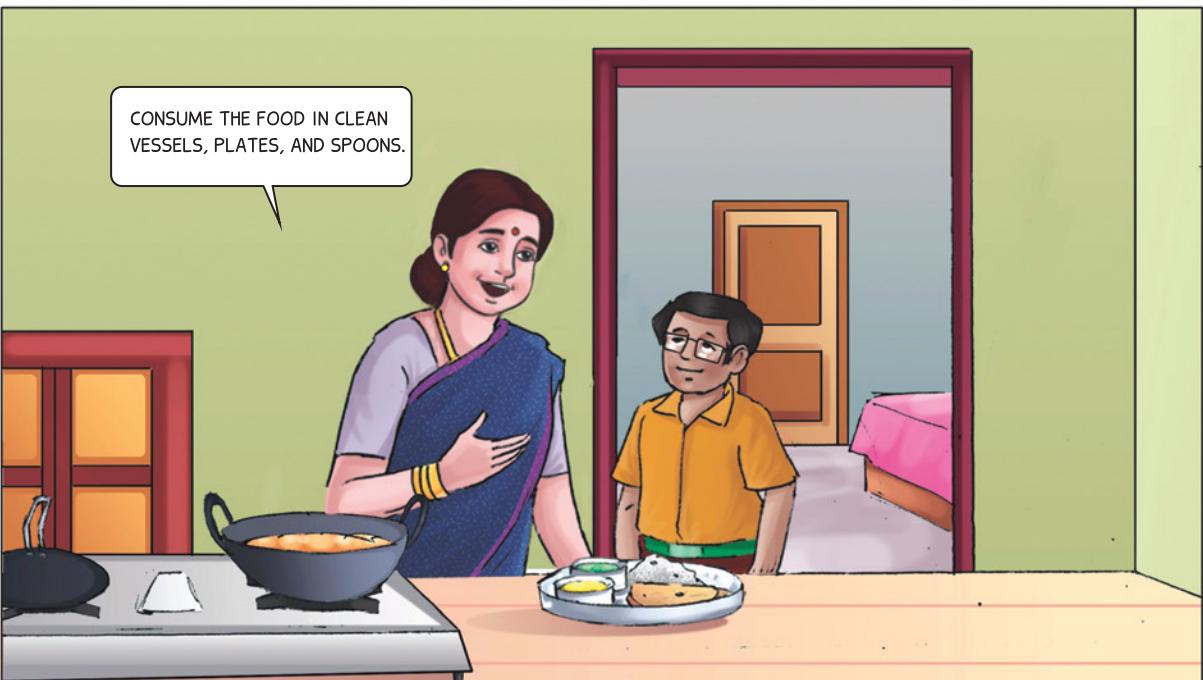
COOK FOOD THOROUGHLY AND ENSURE TO KEEP IT FRESH.



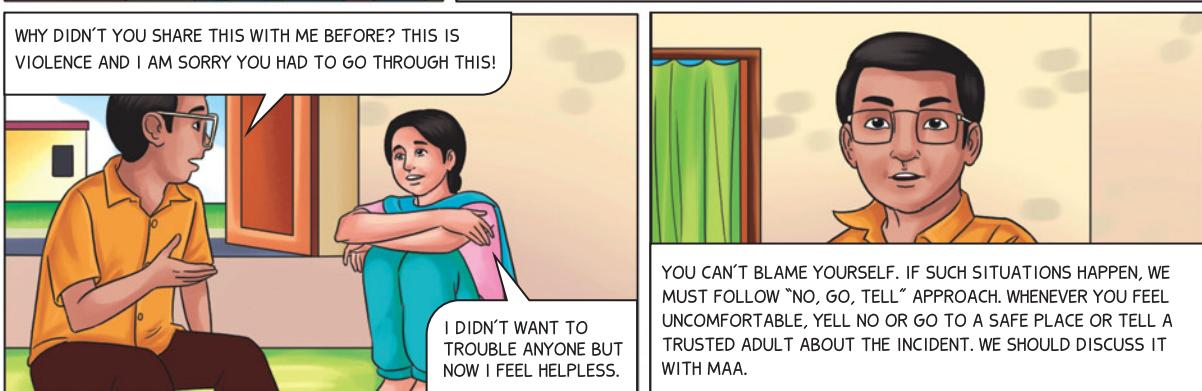
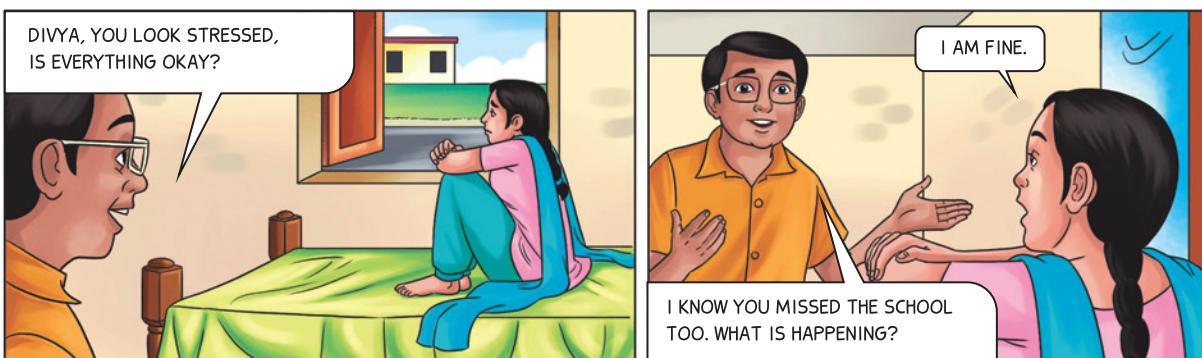
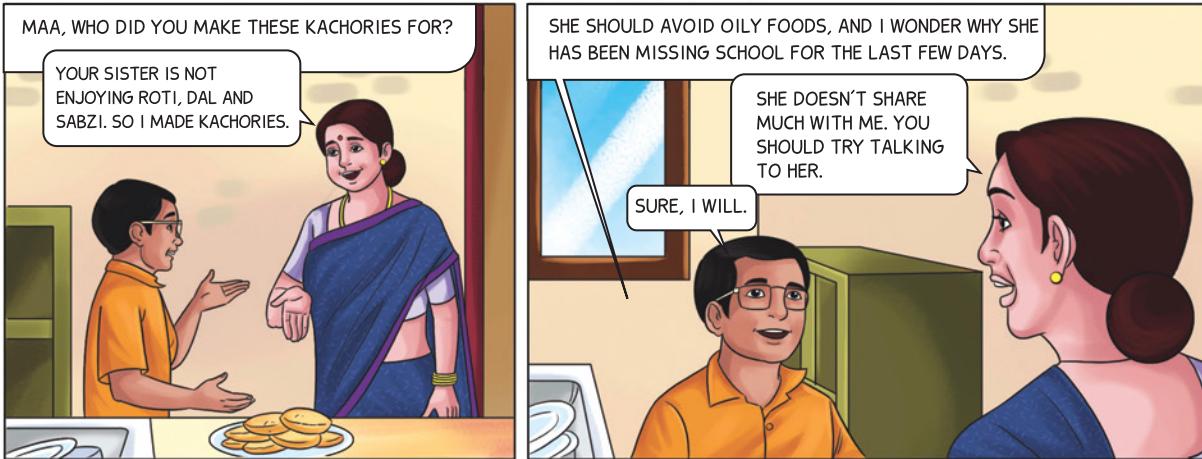
COOL AND CHILL THE RAW AND COOKED FOOD IN THE REFRIGERATOR SAFELY AND SEPARATELY.

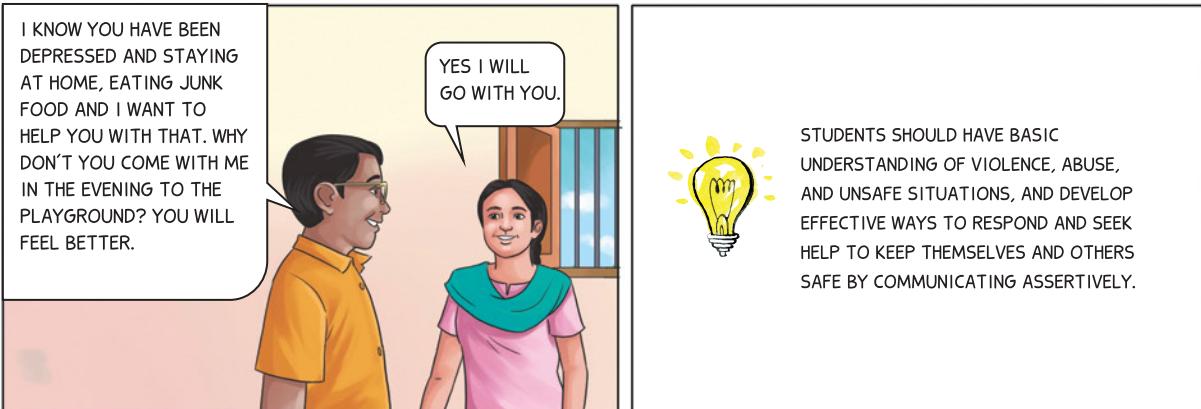
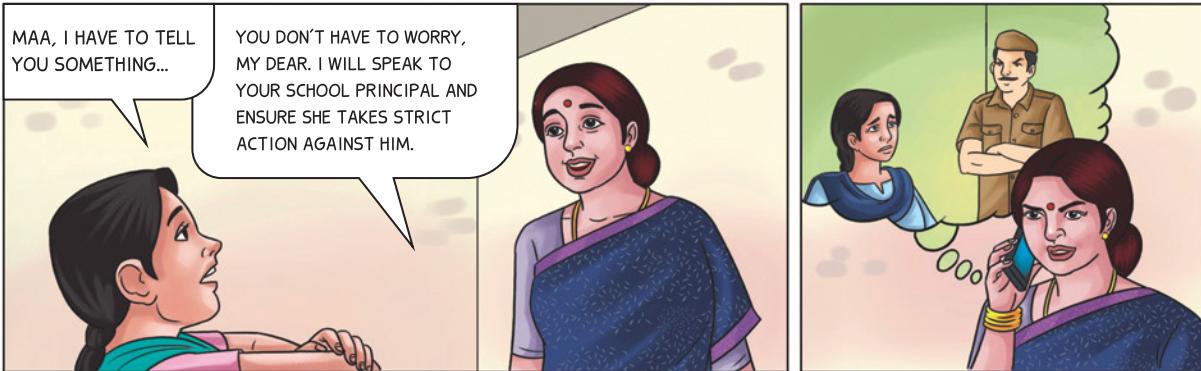


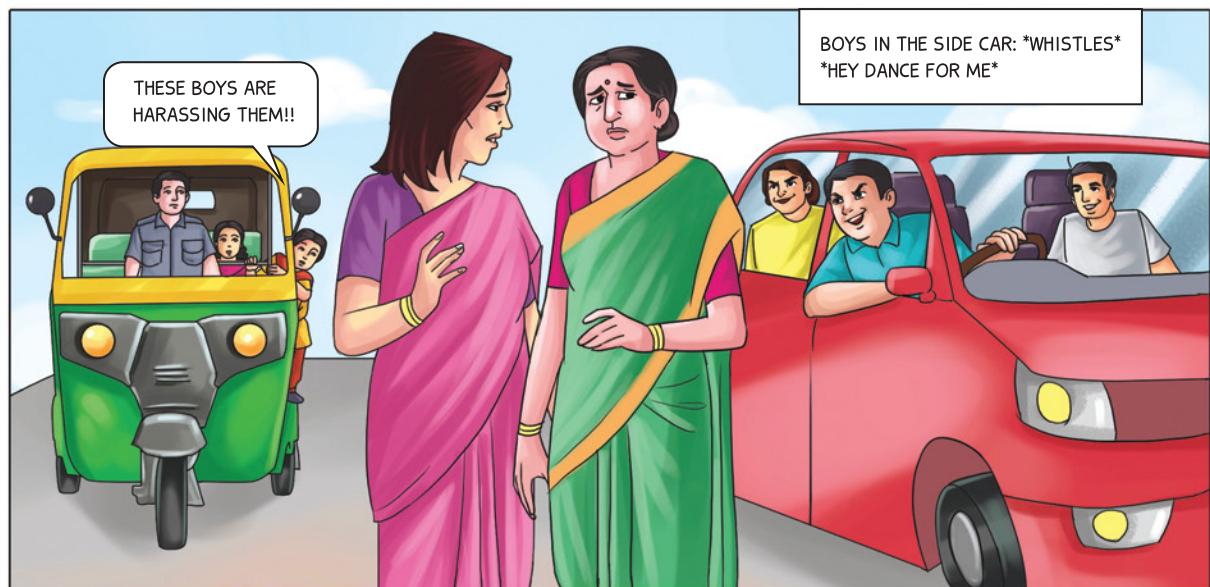
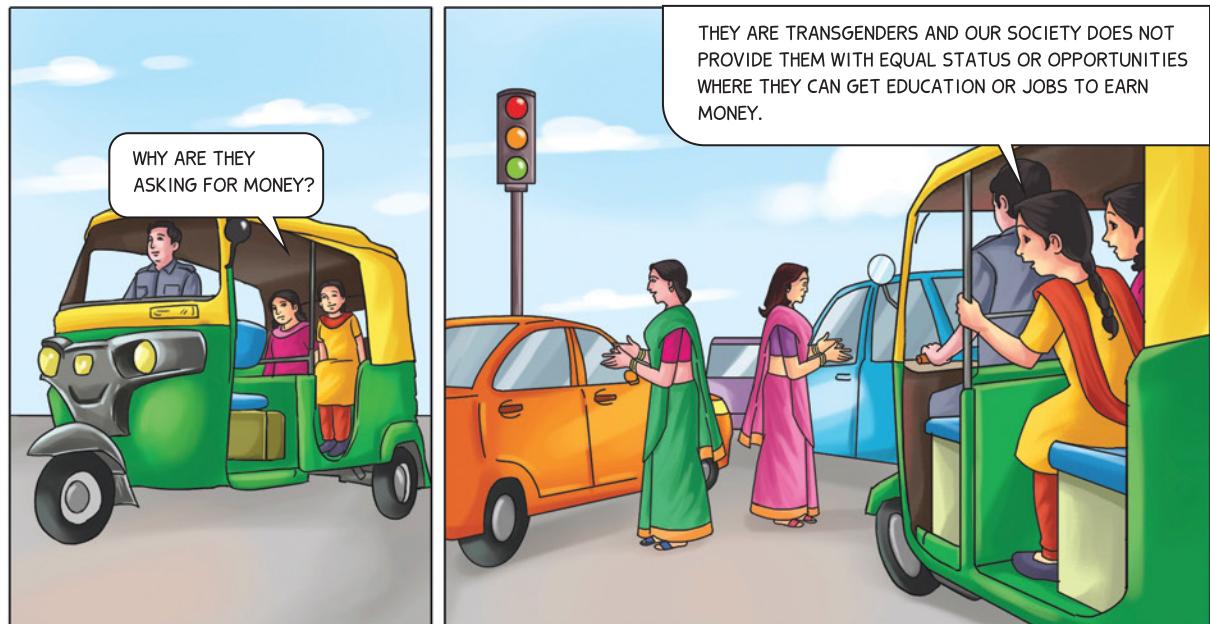
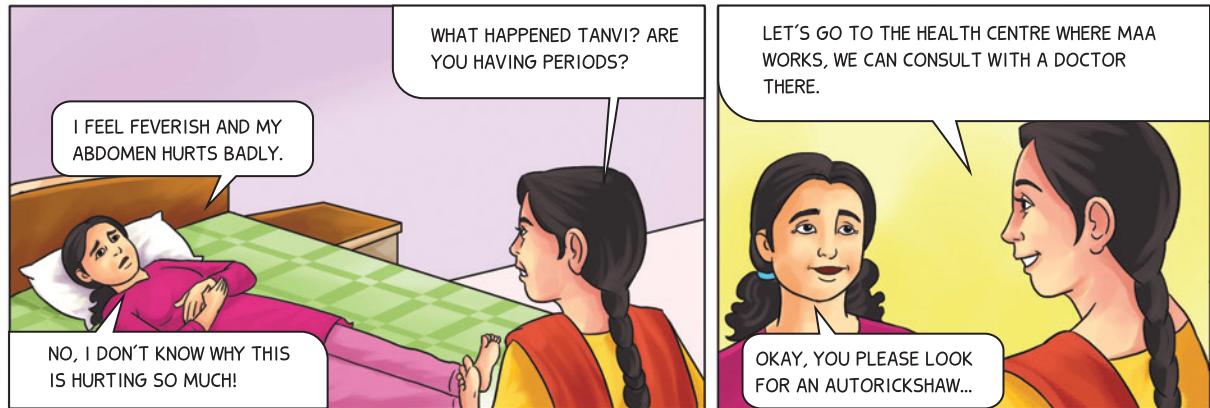
CONSUME THE FOOD IN CLEAN VESSELS, PLATES, AND SPOONS.

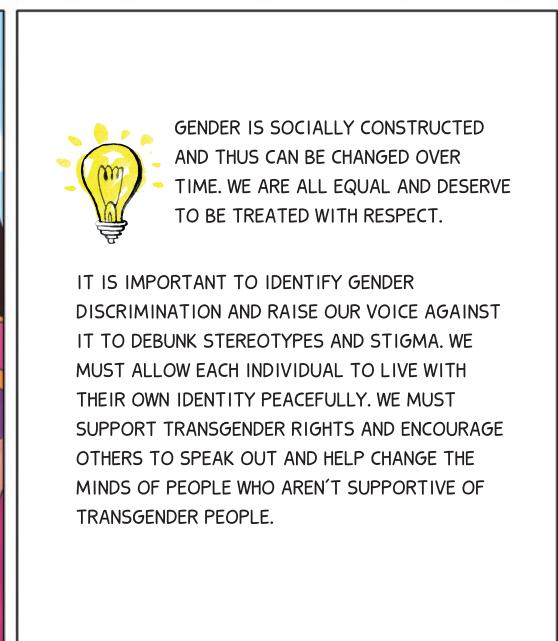


NUTRITIONAL NEEDS ARE HIGHER DURING ADOLESCENCE AS THIS IS A PHASE OF RAPID GROWTH AND DEVELOPMENT. HEALTHY EATING HABITS AND MAINTAINING FOOD HYGIENE ARE ESSENTIAL FOR MAINTAINING GOOD HEALTH. FOR EXAMPLE, EATING WHOLE GRAINS, SPROUTS, DRINKING LOCAL DRINKS (INSTEAD OF PACKAGED DRINKS), MODERATING JUNK FOOD AND COOKING IN IRON UTENSILS ENHANCES THE IRON CONTENT OF THE DIET.









HELLO DOCTOR, WE ARE CHARU JI'S DAUGHTERS WHO IS AN ASHA WORKER OVER HERE... MY SISTER HAS STOMACH PAIN AND FEVER. I REQUEST YOU TO CHECK HER.



WE HAVE LEARNED ABOUT HYGIENE AND RTIs IN SCHOOL.
KINDLY ADVISE US ON WHAT NEEDS TO BE DONE?

I CAN GIVE YOU MEDICINES FOR NOW BUT YOU
HAVE TO MAINTAIN PROPER HYGIENE AND USE
DISPOSABLE SANITARY NAPKINS.

OKAY, THANK YOU,
DOCTOR.



WHEN WE WERE ENTERING THE CLINIC,
WE HEARD SOME PEOPLE TALK ABOUT
HIV. WHAT IS HIV AND HOW IS IT
TRANSMITTED?



HIV IS HUMAN IMMUNODEFICIENCY VIRUS, WHICH AFFECTS THE IMMUNE SYSTEM OF THE BODY. AIDS IS ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS), A CHRONIC, POTENTIALLY LIFE-THREATENING CONDITION CAUSED BY THE HIV.

HIV CAN BE TRANSMITTED THROUGH FOUR WAYS:

- UNSAFE PHYSICAL RELATIONS
- SHARING OR REUSING NEEDLES AND SYRINGES
- TRANSFUSION OF HIV INFECTED BLOOD AND BODY PRODUCTS
- TRANSMISSION OF HIV FROM INFECTED MOTHER TO UNBORN CHILD.

AN HIV-POSITIVE MOTHER CAN TRANSMIT HIV TO HER BABY ANY TIME DURING PREGNANCY, CHILDBIRTH, OR BREASTFEEDING. HOWEVER, THERE ARE A COMBINATION OF MEDICINES CALLED ANTIRETROVIRAL THERAPY OR ART, WHICH CAN PREVENT TRANSMISSION OF HIV FROM AN INFECTED MOTHER TO HER BABY.

BUT HOW DOES SOMEONE KNOW IF THEY ARE HIV POSITIVE? IS IT CURABLE?

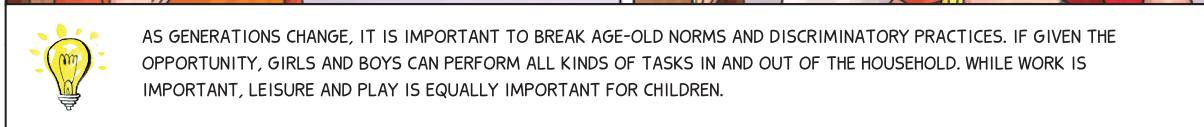
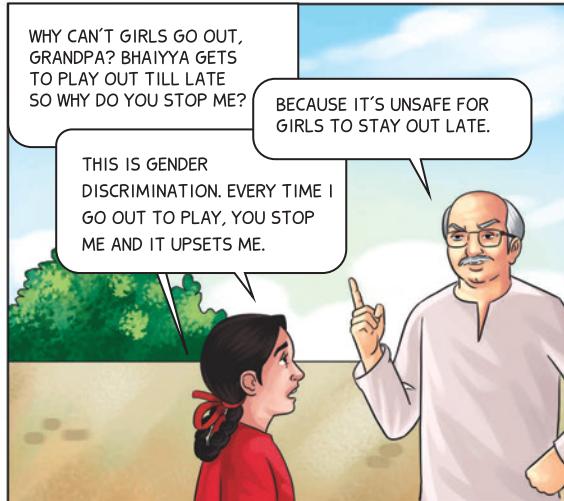
HIV TEST IS AVAILABLE FREE OF COST IN ALL GOVERNMENT HOSPITALS. IT IS NOT CURABLE BUT WITH TREATMENT AND CARE, HIV POSITIVE PEOPLE LIVE PRODUCTIVE AND HEALTHY LIVES LIKE EACH ONE OF US.

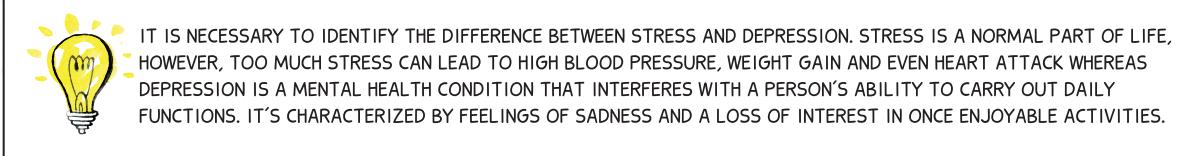
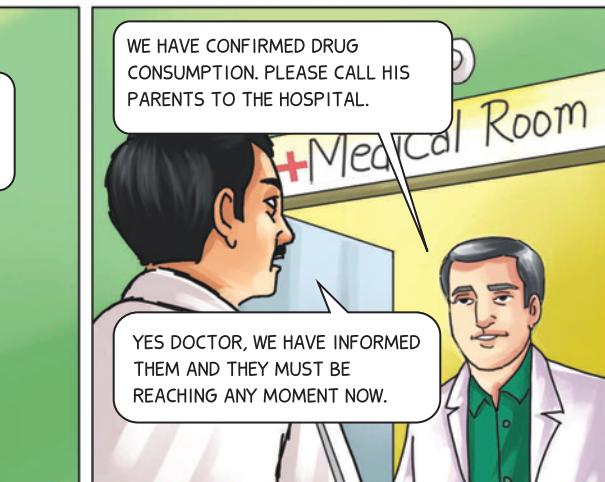
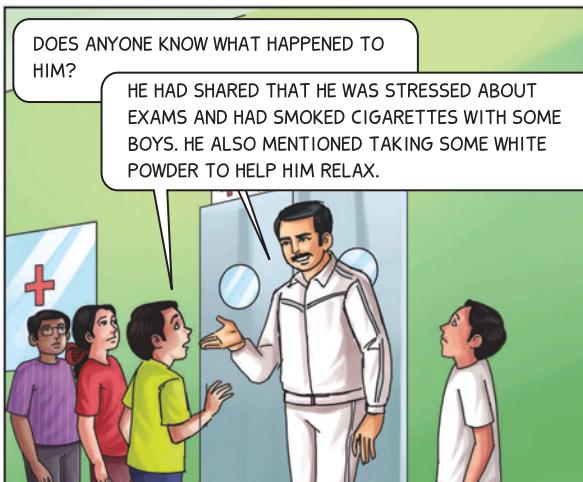
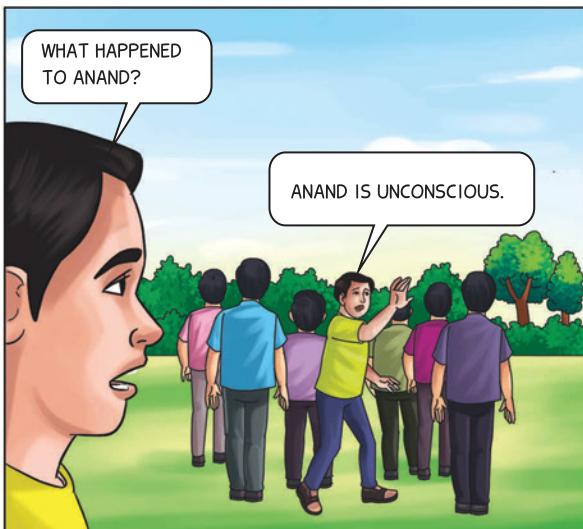
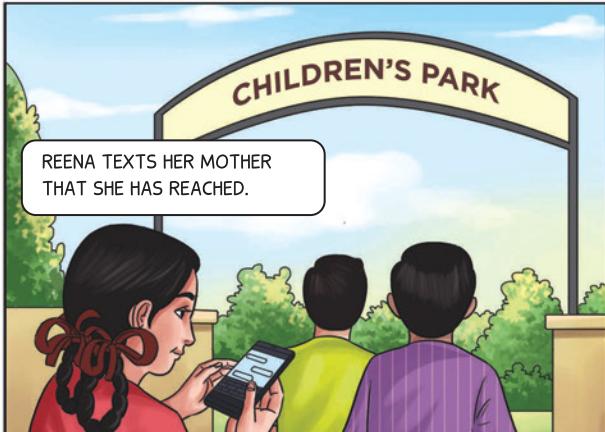
HEY MANVI! CAN WE GO TOGETHER FOR PRACTICE?

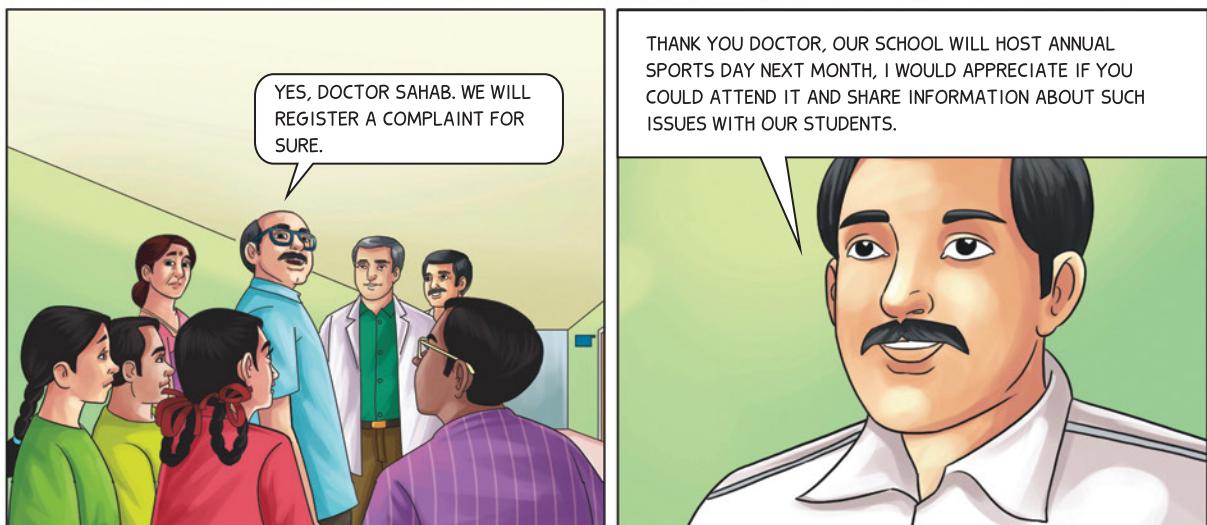
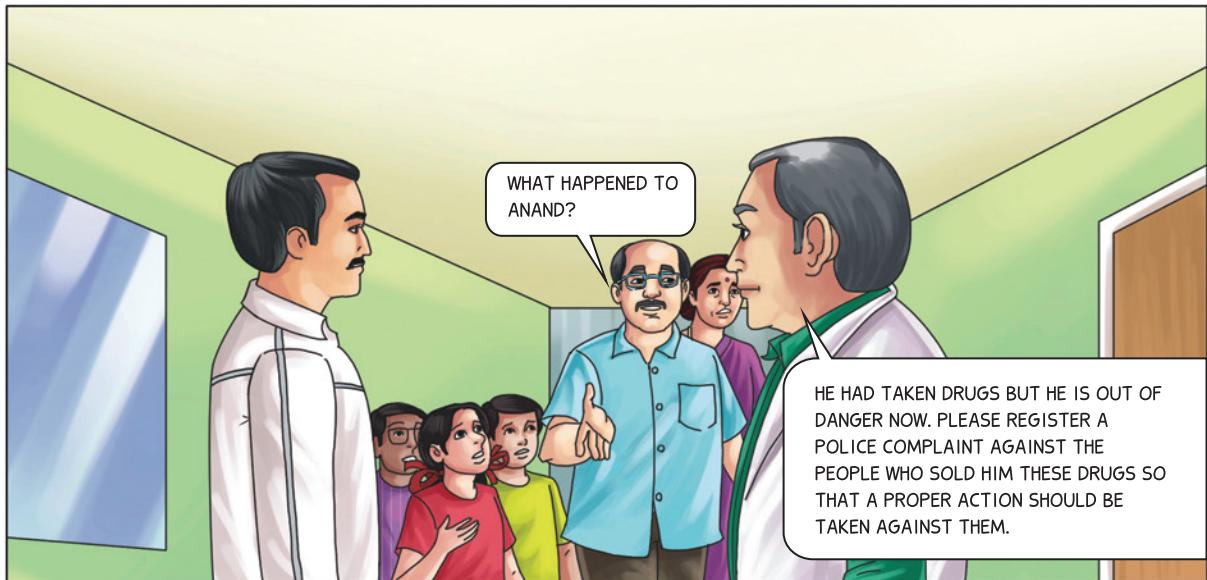
NO REENA, I AM OUT FOR SOME WORK, WON'T BE ABLE TO REACH ON TIME.

OKAY MANVI,
SEE YOU LATER.

MAINTAINING PERSONAL HYGIENE IS ESSENTIAL IN PREVENTING A REPRODUCTIVE TRACT INFECTION. IT IS NECESSARY TO EDUCATE YOURSELF AND OTHERS AROUND YOU ON WAYS TO AVOID HIV OR AIDS AND THEIR TRANSMISSION. PLEASE REMEMBER THAT SENSITIZATION IS THE BEST PRECAUTION.





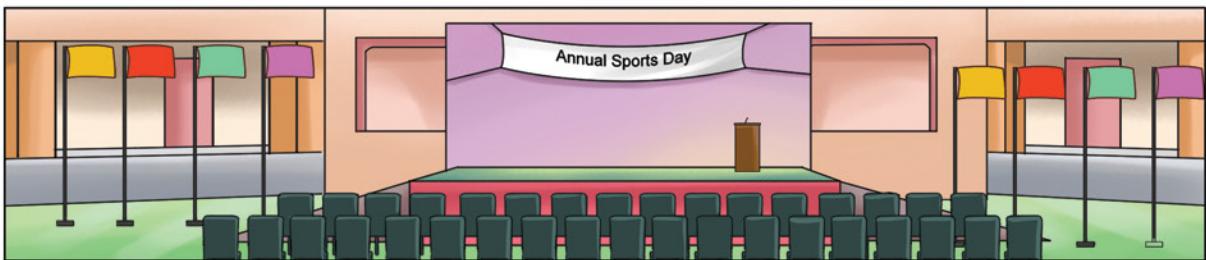


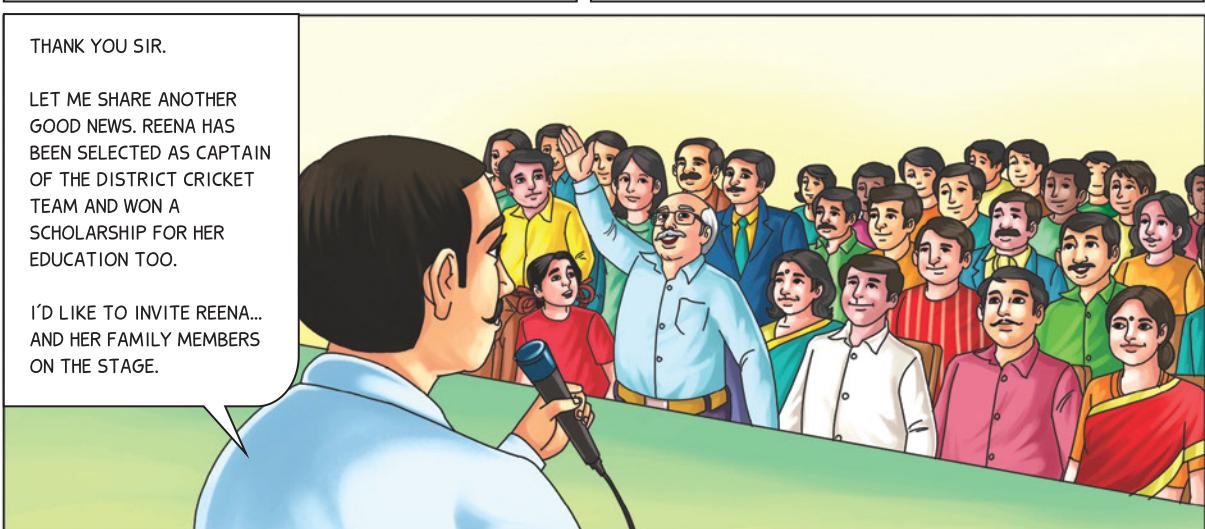
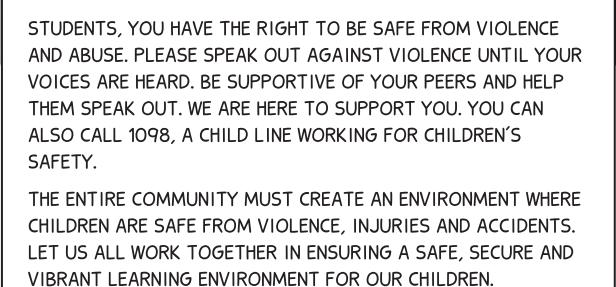
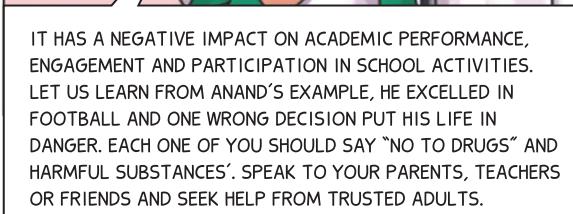
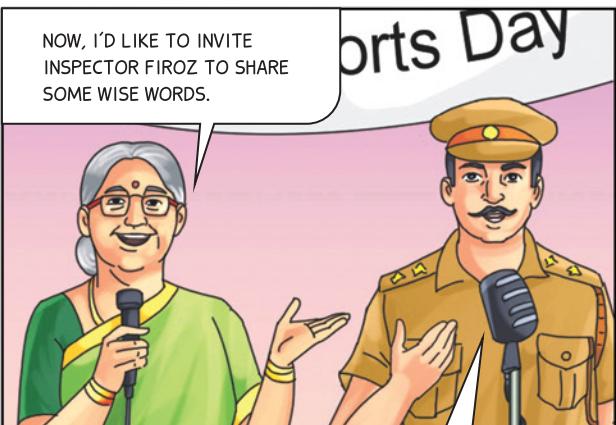
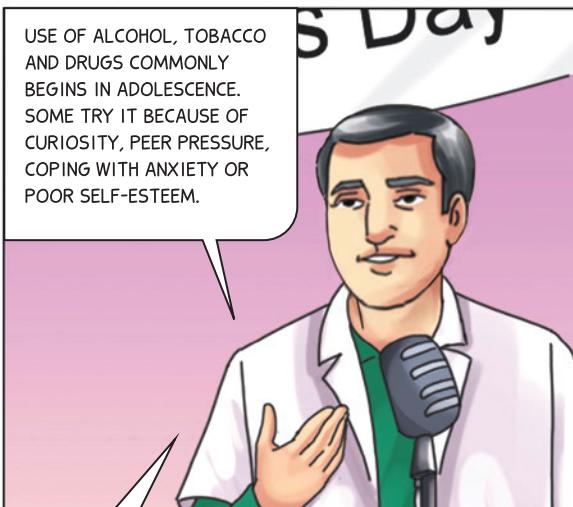


A VARIETY OF FACTORS PUT CHILDREN AND YOUNG PEOPLE AT RISK OF SUBSTANCE ABUSE AND ITS CONSEQUENCES, INCLUDING THEIR INDIVIDUAL ATTRIBUTES AND THE ENVIRONMENT IN WHICH THEY LIVE. SUBSTANCE ABUSE NEGATIVELY IMPACTS A CHILD'S MENTAL AND PHYSICAL HEALTH AND OVERALL WELL-BEING. PARENTS AND TEACHERS NEED TO EMPOWER CHILDREN WITH KNOWLEDGE AND SKILLS THAT WILL HELP IN BUILDING THEIR SELF-ESTEEM AND CAPACITY TO BE RESPONSIBLE CITIZENS. STUDENTS NEED TO ANALYZE AND RESIST NEGATIVE PEER PRESSURE AND MUST SEEK HELP FROM FRIENDS, TEACHERS, PARENTS AND TRUSTED ADULTS WITHOUT ANY HESITATION.

WE SHOULD SEEK HELP FROM POLICE AND LOCAL NGOs AND SCHOOLS. CHILDREN, PLEASE REMEMBER - YOU ARE NOT ALONE IN THE FIGHT AGAINST SUBSTANCE ABUSE. IT IS A COLLECTIVE RESPONSIBILITY OF PARENTS, SCHOOL AND COMMUNITIES TO EMPOWER AND SUPPORT YOU TO PREVENT AND ADDRESS SUBSTANCE ABUSE.

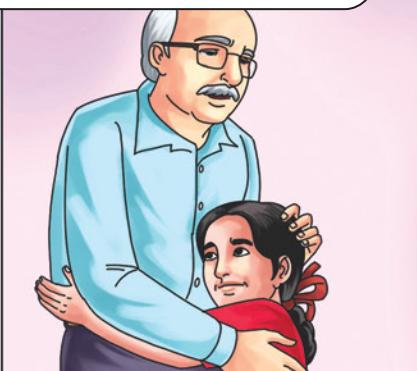
1 MONTH LATER



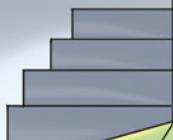


I HAD OFTEN STOPPED HER FROM PLAYING OR GOING OUT OF HOME BUT NOW I FEEL SO PROUD OF HER. I WANT TO APOLOGIZE TO HER. I TRULY BELIEVE THAT IF WE SUCCEED IN EMPOWERING GIRLS, WE WILL SUCCEED IN EVERYTHING ELSE.

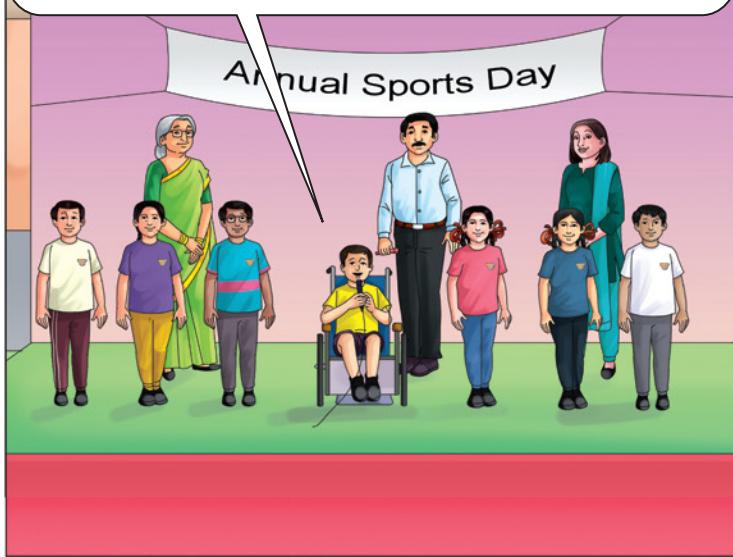
SIR, MAY I PLEASE SAY SOMETHING?



YES, RAGHAV. GO AHEAD.



THANK YOU FOR THE OPPORTUNITY. I WOULD LIKE TO EXPRESS MY THANKS TO SCHOOL AND MANAGEMENT FOR CONSTRUCTING RAMPS FOR CHILDREN WITH DISABILITY LIKE ME. I WOULD ALSO LIKE TO ACKNOWLEDGE MY FRIENDS FOR BEING THE CHANGEMAKERS AND INITIATING A BELIEF THAT TOGETHER WE CAN CREATE A BETTER WORLD AND A BETTER VERSION OF OURSELVES.



WE ARE COMMITTED TO ENSURE THAT ALL CHILDREN AND YOUNG PEOPLE BENEFIT FROM GOOD QUALITY HEALTH EDUCATION AND HAVE ACCESS TO SAFE, INCLUSIVE, HEALTH-PROMOTING LEARNING ENVIRONMENTS. WE HOPE THAT THIS COMIC BOOK WILL HELP STUDENTS AND ENHANCE THEIR KNOWLEDGE, ATTITUDES AND SKILLS AND HELP THEM LEAD HEALTHY AND PRODUCTIVE LIVES.

WE HOPE THAT TEACHERS, HEALTH EDUCATORS, COUNSELLORS WILL USE THIS TO PROMOTE YOUNG PEOPLE'S RIGHT TO EDUCATION, HEALTH AND WELL-BEING, AND TO ACHIEVE AN INCLUSIVE AND GENDER EQUAL SOCIETY.

JOINTLY DEVELOPED BY



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