

Non-Government Schools Animal Ethics Committee ANIMAL CARE INFORMATION SHEET

The document provides guidelines for the capture, restraint, and care of Mus musculus (house mice) in a school setting, emphasizing the importance of proper handling, veterinary support, and ethical treatment.

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Scientific Name:	Mus musculus		
Activities requiring School	a. The appropriate care of mice in the classroom		
Principal approval only:		b. Breeding of mice in classrooms	
	c. Capture, restraint, and ha	andling of mice	
Approval Level:	Where an activity is not listed	in this Animal Care Information Sheet (ACIS),	
		ne Non-Government Schools Animal Ethics Committee	
	(NGSAEC) and confirmed bef		
Authority:	Independent and Catholic Schools: Non-Government Schools Animal Ethics Committee		
Disclaimer:	This document will be reviewed annually. You should check the website regularly to ensure that you are meeting the most recent recommendations. If you note any concerns with the information provided (inadequate, incorrect) please contact the NGSAEC.		
Licensing Requirement:	Not applicable unless schools are using protected frog species. This is not recommended when more suitable alternative species are available. If you intend to use these animals for teaching purposes you must be licenced to do so by the Minister. A Licence is separate to seeking pre-approval from the NGSAEC for an activity.		
Compliance Requirement:	The keeping of this species requires approval from the school principal. It is recommended that this Animal Care Information Sheet (ACIS) be followed as a minimum in the provision of appropriate care and housing for this species.		
General Information:	There are over 300 species of mice in the world. The house mouse of European origin is the only mouse that should be kept as a pet. Mice are easy to keep, and the smell associated with mice should not be a deterrent as they are quite clean animals. Mice come in a variety of colours, most commonly grey, (grey hair with a yellow tip), called agouti as well as solid black, brown and white. Mice also vary in ear and tail length and hair type; (e.g., longhaired vs. curly).		
Physical Attributes:	 Size (adult): At 12 week Weight (adult): Males 2 Life span: Average 2 ye Sexual maturity: Mice or recommended to wait un Sexing mice: Sex can b (distance between the ar compared to the female. 	s, nose to tail approx. 14cm 0-40g, females 18-35g ars an breed from approximately 5 weeks but it is	

	FEMALE MALE	
Behaviour:	Normal: As social animals, mice prefer to live in a group of two or more. Single sex groups are advised to prevent unwanted breeding. Normal healthy mice have shiny coats, bright eyes and responsive ears and are alert, active and inquisitive. They are agile and acrobatic in their enclosures, running, jumping, climbing, and leaping around the cage.	
	Socialisation: If only one mouse is kept it will need lots of attention. It is best to have two or more together. Females are fine to put together but to keep a group of all males together they will need to have been together from weaning and have plenty of room or they will fight. New mice from an outside source should not be added to an established cage, as these will be attacked. If it is necessary to add mice, thoroughly clean everything and add fresh clean wood shavings etc. and sprinkle mice with flea powder. This will remove the group smell and allow new animals an opportunity to enter the group. Mice cannot be housed with other species. Housing should be adequate hold to the number of mice you intend to have including additional mice from breeding. Over-crowded cages place undue stress on the mice and may lead to fighting, injury, and disease.	
Environment:	 Activity levels (hibernation etc.): Mice are nocturnal, so will be most active at night, early morning, and late afternoon, resting during the day. Housing/Space: Mice should not be housed alone, with recommendations of minimum cage space allowances for housing a pair between 300 - 500 square cms. It is recommended to go for the larger size to allow more enrichment items to be offered and to prevent fighting. In general, for pet mice most resources recommend cages approximately 60 x 30 x 25 cms for housing one pair. Cage heights should allow mice to turn freely without twisting their heads and bodies, walk at least a few steps, stand on their hind limbs and stretch up. The cage should be made from glass or another material that mice cannot easily chew through. It should have a part solid and part wire lif for security and ventilation. The wire mesh should be used for the cage base that are absorbent and free from dust and splinters, are non-toxic and non-edible. Shredded paper, paper towel, small cardboard boxes and tissues can be used for sleeping areas, nesting and to play in. Mice will also need a water sipper with metal tubing and a wire basket suspended from the side of the cage, for pellets. Movement: Mice like to be very active and enjoy exercise. Boxes, ladders, ropes, hollow logs, tubes, ramps and exercise wheels can assist with movement. As mice like to run along solid surfaces rather than open spaces it is important to ensure that there are items and dividers they can run along and through. Water: Fresh water must be provided daily through sipper bottles or water bowls. Temperature: Optimum temperatures are between 18 - 25° Celsius. They should have good bedding and shelter to protect them. Lighting: While a natural source of light is essential, mice should not be placed in direct sun or near windows and glass doors. An artificial light can be used but must be on for no more than 12 hours during the day. Maximum light intensity recommended for albino animals is	

 ground the other hand can be placed under the mouse's body for support. Well-handled mice can be lifted directly by scooping. Mice do bite so care must be taken not to provoke them. Equipment: Make sure they are handled in an enclosed area to avoid escaping. Transport: Use their cage or small well-ventilated carry cages. Remember they can eat their way out of cardboard boxes and other thin materials very quickly. Do not leave for long periods in hot or cold conditions. Do not transport on days that are over 32°C. Thoroughly wash hands with soap and running water for at least 15 seconds after working with or handling mice. Dry hands with clean paper, cloth towel or air dryer. Turn off the tap with the paper towel if possible. Follow first aid procedures should a bite occur. Indicators:
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of their neck. Even very young mice can be moved for cage cleaning, if they are replaced as soon as possible and the parents are tame. Once the rear legs lift of the
preferable to holding. They are easy to pick up by the base of their tail or the scruff
Human: Mice are usually easy to handle if exposed to regular handling from a very young age. Children should only handle mice under staff supervision with petting
period) for three weeks. Their color is visible at approximately three days; their eyes open around 10 days and their ears enlarge at approximately 18 days of age.
Pregnancy: Mice can breed from six weeks of age and are pregnant (gestation
Mating: If not wanting to breed keep single sex groupings (e.g., only females together).
 Number of offspring: 4-12 per brood, up to 6-8 broods per year. Weaning age: 21 days
Equipment: Sipper bottles and feeding bowls. Gestation period: 21 days
Supplementary feeding: Not necessary if a balanced diet is provided.
amount of food and water compared to normal adults).
selected green feed – carrot, apple or celery cubed. The amount fed should vary according to the life stage of the mice (e.g., lactating females need four times the
Daily requirements: A small handful of fresh pellets each day and a handful of
available. DO NOT feed cheese.
satisfactory diet. Provide only enough seed for one day with food preferably kept off the floor to prevent fouling. Mice drink a lot of water and this should be always
be co-located, as they will become stressed. Diet: High quality mouse cubes, seed and fresh vegetables will provide a
supplied. Mice are very sensitive to smell so avoid exposure to chemicals, perfumes, and deodorisers. They can also smell other predators such as rats and should not
one male should be kept. If more males are to be kept, then a larger cage must be
cleaned weekly to reduce odours. The smell of mice is mainly caused because males are territorial and mark their territories. For this reason, in small cages, only
Cleaning: As the output of urine and faeces is high, cages must be cleaned regularly. The cage floor must be covered with absorbent material. This should be
cooling and heating appliances. Children should not bang on the cage.
are sensitive to loud noise so should be kept in a quiet area. They should be protected from draughts, fumes and direct sunlight and kept away from direct
twigs and toys and straw, newspaper or peat moss for bedding and chewing. Mice
Cardboard boxes, wooden boxes, large pipes are items that can be used. To provide enrichment for play use pinecones, roots, large rocks, cardboard tubes, hollow logs,

	Lameness or difficulty moving around enclosure;	
	 Hunched posture; Discharge from griffigge (page, enug); 	
	Discharge from orifices (nose, anus);	
	 Coughing or sneezing; Excessive scratching; 	
	Lack of balance;	
	Weight loss;	
	 Poor appetite or water intake; 	
	 Raised fur; 	
	Lumps or swellings;	
	Wounds; and	
	Infections.	
	Avoid handling mice unless necessary to avoid stress.	
Treatments:	Schools are encouraged to develop relationships with a Veterinarian and animal	
	industry representatives (e.g., pet shop staff) familiar with mice. These contacts can	
	assist with disease diagnoses, treatment options and dietary, husbandry and welfare	
	advice. Veterinarians can also assist with emergencies, particularly when euthanasia	
	is needed. Treatments must be documented in the appropriate records.	
Euthanasia:	When an illness or injury is such that recovery is unlikely then the mouse must be	
	euthanised by a Veterinarian. Schools should contact their local Veterinarian to	
	discuss emergency treatment options prior to an event occurring when keeping mice	
	onsite.	
Disposal/fate planning:	When no longer required, mice must be rehomed. They must NEVER be released	
	into the environment. Bodies must be disposed of correctly in accordance with local	
	council regulations. It is not acceptable to kill mice as a form of disposal if too many	
	have been bred. It is not acceptable to feed mice to reptiles as a form of food.	
	Please remember it is against the Animal Welfare Act 1985 for live mice and	
	rats to be fed to reptiles.	
Holiday and weekend care:	Mice can be sent home for weekend and holiday care with students providing	
	consent is received from the school principal and the parents. Staff should provide	
	carers with animal care and record keeping instructions, emergency contacts and	
	provide appropriate equipment and food. Animals must be checked daily, records	
	kept and any problems reported to the school immediately whether kept on site or	
Approved activities:	taken offsite. Where an activity is not listed in this ACIS, approval must be sought from the Animal	
Approved activities:		
Activity	Ethics Committee and confirmed before it can be undertaken.	
Activity:	a. Appropriate care for classroom pet mice	
Objective:	To instruct students on providing appropriate care for classroom pet mice. Handling	
	should be kept to a minimum where possible.	
Activity:	b. Breeding of mice in classrooms	
Objective:	To instruct students on providing breeding of mice in the classroom. Handling should be	
	kept to a minimum where possible.	
Activity:	c. Capture, restraint and handling of mice	
Objective:	To instruct students on appropriate methods of capture, restraint, and handling of	
	mice in the classroom.	
	Staff must be competent in capture, restraint and handling methods and mouse	
	behaviour prior to undertaking this activity. Improper handling methods can cause	
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	Euthanasia of animals used for scientific purposes – ANZCCART 2001 www.deakin.edu.au/ data/assets/pdf_file/0003/536628/620-codeofpractice- housing-and-care.pdf How to care for your pet mouse – RSPCA NSW www.rspcansw.org.au/blog/animal-care-information/how-to-care-for-your-pet- mouse/ Pet care – Mice – Sydney Exotics and Rabbit Vets www.exoticsvet.com.au/pet-care		
	Mice sexing – Pharmacology https://slideplayer.com/slide Mouse handling video – NC3	Pocket Pets – RSPCA SA www.rspcasa.org.au/adopt/pocket-pets/ Mice sexing – Pharmacology presentation (PHL313) Dr MN Ansari https://slideplayer.com/slide/10422572/ Mouse handling video – NC3RS University of Liverpool www.nc3rs.org.uk/how-to-pick-up-a-mouse	
	Mouse handling webinar – Dr Jane Hurst, University of Liverpool www.nc3rs.org.uk/mouse-handling-webinar		
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