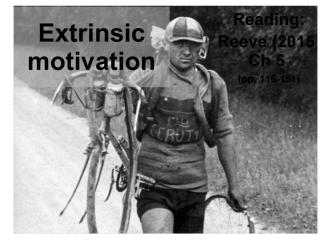


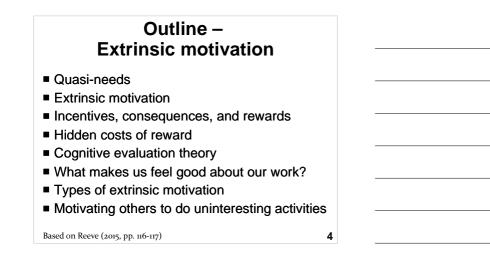
Overview



 Extrinsic motivation (Ch 5)
 Goal setting & goal striving (Ch 8)







	Quasi-needs	
tense	neral, situationally-induced wants that create energy to engage in behaviour capable of ng the built-up tension.	_
Deficie	ency-oriented and situationally reactive.	
	ve lack, yet need, from the environment in a urgent way	_
	Examples:	_
	 a secure job 	-
	• money	

5

6

.

• parental approval

Based on Reeve (2015, pp. 119)

Extrinsic motivation		
An environmentally created reason (e.g., incentives or consequences) to engage in an action or activity.		
" <u>Do</u> this in order to get <u>that</u> " type of motivation		
requested behaviour extrinsic incentive or consequence		
"What's in it for me?" type of motivation		
Based on Reeve (2015, pp. 120)		

External regulation of motivation

- Based on operant conditioning
- Incentives precede behaviour
- Consequences follow behaviour

Incentives	Consequences	Rewards	
An environmental event that attracts or repels a person toward or away from initiating a particular course of action. (e.g., "ding" -> put seatbelt on)	 Reinforcers "Do it" Positive: Îs action to get more of a desirable quality Negative: Îs action (escape) to get less of an undesirable quality Punishers "Stop it": ↓s action to avoid undesirable quality 	Any offering from one person given to another person in exchange for his or her service or achievement.	
Based on Reeve (2015, pp. 120-122) 7			

What determines a reinforcer's effectiveness?

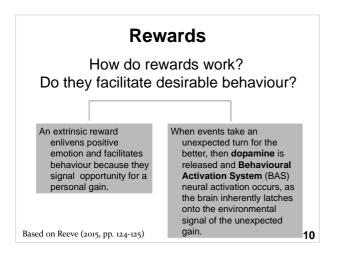
- Quality
- Immediacy
- Person/reinforcer fit
- Recipient's need for that particular reward
- Intensity
- Recipient's perceived value of the reinforcer

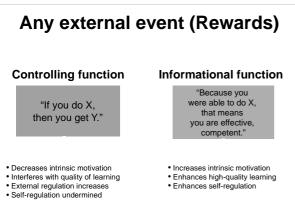
Based on Reeve (2015, p. 124)

Managing behaviour by offering reinforcers

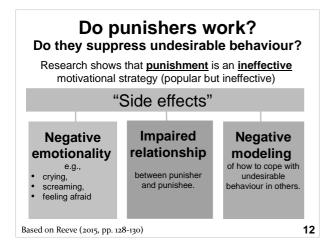
8

Reeve (2015), Figure 5.1 Effect of reinforcement on use of orthodontic device, p. 123)





Based on Reeve (2015, pp. 124-125)

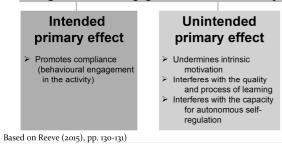


Immediate & long-term consequences of corporal punishment (Spanking)	-
■ Short-term:	-
Immediate compliance	
■ Long-term:	-
■ Aggression	
Anti-social behaviour	-
Poor mental health	
Poor quality of relationship with parent	
Victim of physical abuse	
More likely to abuse own child	
More likely to get a criminal record	-
Based on Reeve (2009, Figure 5.3, p 129 13	

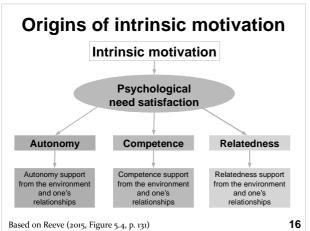


There are unexpected, unintended, and adverse effects that extrinsic rewards sometimes have on intrinsic motivation, high-quality learning, and autonomous self-regulation.

Using a reward to engage someone in an activity



Intrin	sic motivation
	ire to engage one's interests and develop one's capacities.
"I am <u>doing this be</u>	ecause <u>it is</u> type of motivation
engaged activity	interesting, fun, enjoyable, satisfying psychological needs (i.e., autonomy, competence, relatedness)
Based on Reeve (2015, pp. 130-	-131) 1





Benefits of intrinsic motivation

The higher a person's intrinsic motivation, Persistence the greater the person's persistence on that task. The more people experience interest, enjoyment, satisfaction, and challenge of the work itself, the more creative they are. Creativity Flexible thinking, Conceptual understanding/ Active information processing, **High-quality learning** Learning in conceptual way

Optimal functioning & well-being

Based on Reeve (2015, pp. 131-133)

Greater self-actualisation, Greater subjective vitality.

Less anxiety and depression, Greater self-esteem 17



Reasons not to use extrinsic motivation (even for uninteresting endeavors)

Extrinsic motivators undermine the quality of performance and interfere with the process of learning.

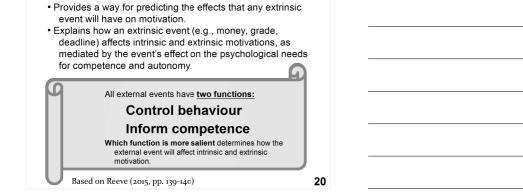
Using rewards distracts attention away from asking the hard question of why a person is being asked to do an uninteresting task in the first place.

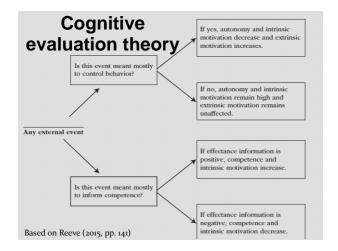
There are better ways to encourage participation than extrinsic bribery.

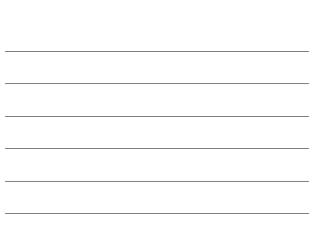
Extrinsic motivators still undermine the individual's long-term capacity for autonomous self-regulation.

Cognitive evaluation theory

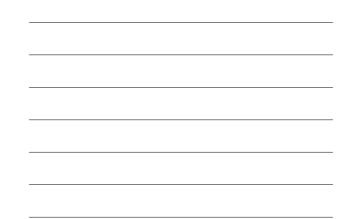
Based on Reeve (2015, p. 138)





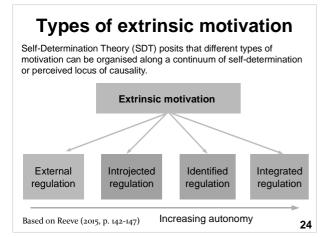




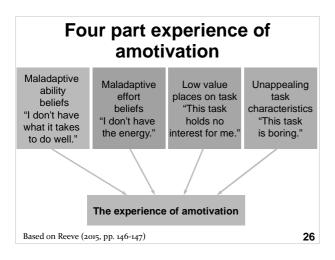


Self-determination continuum showing types of motivation

Based on Reeve (2009, Figure 5.6, p. 143)



Types of extrinsic motivation	
Four types of Extinisic wollvation, mustrated by Dinerent Reasons of why i Recycle	
Based on Reeve (2009, Table 5.2, p. 133)	



Providing a

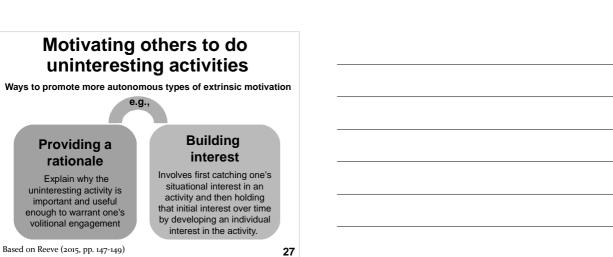
rationale

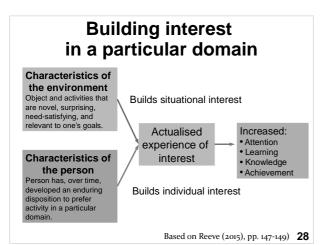
Explain why the

uninteresting activity is

important and useful

volitional engagement







- Extrinsic (external) motivation
- External regulation of motivation
- Hidden costs of rewards

Hidden costs of rewards	
Cognitive evaluation theory	External Regulation Introjected Regulation
- True and all and share to prosting the set	Identified Regulation

- Types of extrinsic motivation –
- Integrated Regulation Motivating others to do uninteresting activities
- Building interest in a particular domain

Based on Reeve (2015, pp. 149-150)

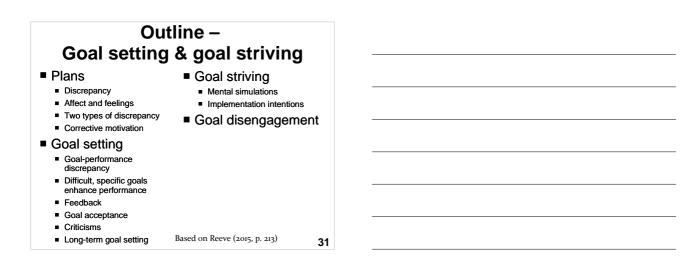
29

Incentives

Consequences Rewards







32

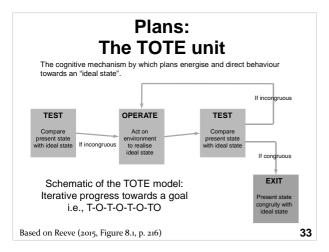
Discrepancy between present and ideal states

Present state represents the person's current status of how life is going. Present statue of how life is going. Present state State • When the present state falls short of the hoped-for ideal state, a discrepancy is exposed. • It is the discrepancy - rather than the ideal state per se – that has

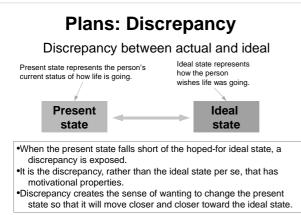
motivational properties. • Discrepancy creates the sense of wanting to change the present

state so that it will move closer and closer toward the ideal state.

Based on Reeve (2009, pp. 210-211)







Based on Reeve (2015, pp. 218-219)

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Two types of discrepancy

Discrepancy reduction

Based on the discrepancydetecting feedback that underlies plans and corrective motivation

Discrepancy reduction corresponds to plan-based corrective motivation.

Discrepancy reduction is reactive, deficiency overcoming, and revolves around a feedback system.

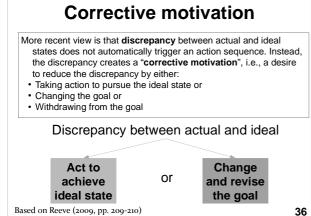
Based on Reeve (2015, pp. 219-220)

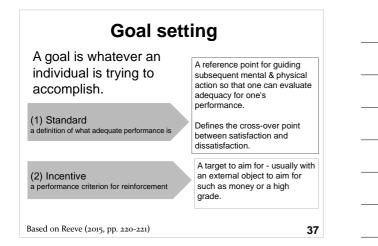
Discrepancy creation Based on a "feed-forward" system in which the person

looks forward and proactively

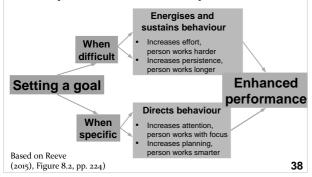
sets a future, higher goal. **Discrepancy creation** corresponds to goal-setting motivation

Discrepancy creating is proactive, growth pursuing, and revolves around a "feedforward" system.





How difficult and specific goals raise performance to remove goalperformance discrepancies



Additional goal mechanisms

Why do goals work to increase performance?

Goals clarify performance expectations.

Goals counteract apathy, boredom.

Goals make feedback important. Without goals, performance can be emotionally unimportant

Goal attainment can generate feelings of pride, satisfaction, or competence that the task itself cannot generate.

Based on Reeve (2009, p. 214)

Should I make my goals public?

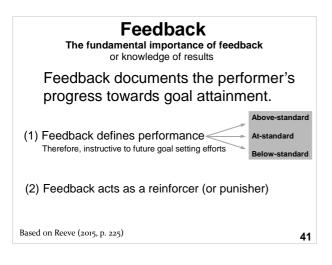
Common wisdom is that sharing goals helps people to achieve them because it creates social expectation.

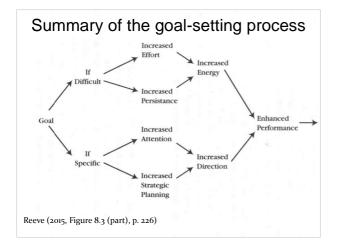
However, when you tell someone your goal, the mind is tricked into feeling that it's already done. and then you're less motivated to do the actual hard work.

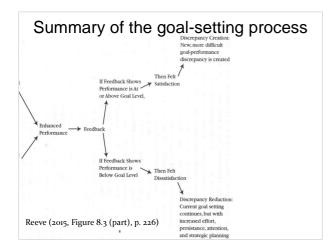
Therefore, if you're going to tell someone your goals, make sure to do so in such a way that you derive no satisfaction from doing so.

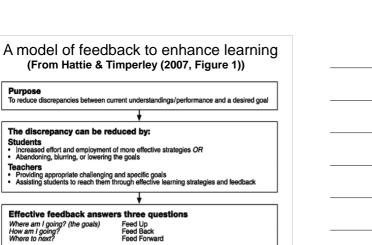
Derek Sivers:

Keep your goals to yourself (3:15 mins): http://www.ted.com/talks/derek_sivers_keep_your_goals_to_yourself

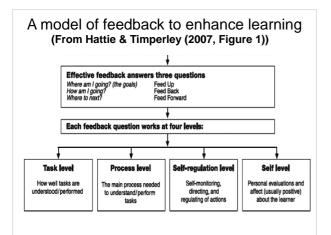








Feed Up Feed Back Feed Forward



Mean effect-sizes from over 500 meta-analyses of various influences of achievement

Influence	No. of effects	Effect-Size
Feedback	139	1.13
Students' prior cognitive ability	896	1.04
Instructional quality	22	1.00
Instructional quantity	80	.84
Direct instruction	253	.82
Acceleration	162	.72
Home factors	728	.67
Remediation/feedback	146	.65
Students disposition to learn	93	.61
Class environment	921	.56
Challenge of Goals	2703	.52
Bilingual programs	285	.51
Peer tutoring	125	.50
Mastery learning	104	.50
Teacher in-service education	3912	.49
Parent involvement	339	.46
Homework	110	.43
Questioning	134	.41
OVERALL EFFECTS	500,000+ .40	1



Feedback to enhance learning

Hattie & Timperley (2007)

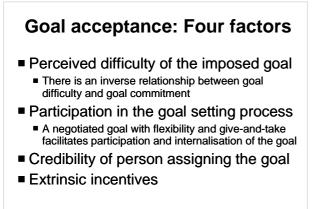
- Feedback is the single most important predictor of achievement
- Feedback alone is not sufficient effective instruction is also needed
- Feedback is powerful but it can be helpful or harmful

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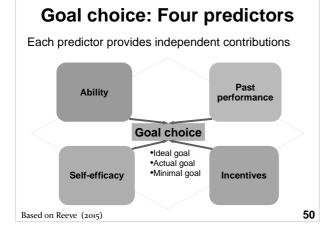
Goal processes: Variables that moderate the goal-performance relationship

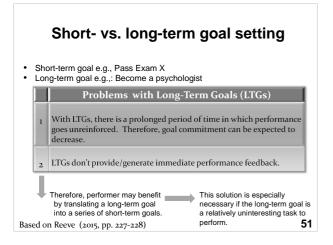
- Goal-acceptance (vs. goal rejection)
- Goal choice
 - Ideal goal
 - Actual goal
 - Minimal goal
- Short- vs. long-term goal setting

Based on Reeve (2009, pp. 217-220) 48



Based on Reeve (2009, pp. 217-220) 49

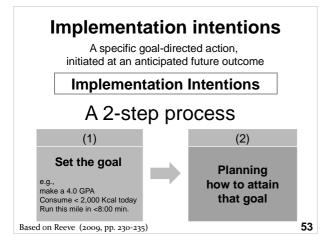


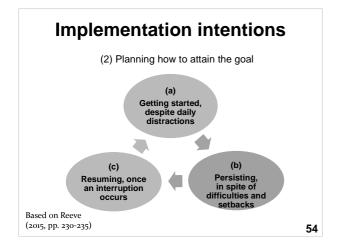


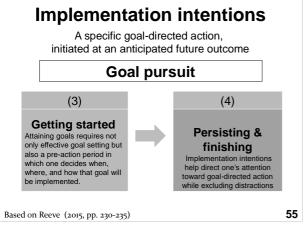
Dangers & pitfalls in goal-setting

1	Increased Stress	*Goals seen as too difficult *Goal overload *Goal conflict
2	Possibility for Failure	*Difficult goals may lead to sub-goal performance and therefore to detrimental emotional consequences associated with failure.
3	Non-goal Areas Ignored	*The purpose of goal is to focus attention and action in certain directions. So non-goal areas are intentionally devalued.
4	Short-Range Thinking	*Proximal vs. Distal goal-setting debate.
5	Cheating	*Goals, when made public and when involving extrinsic incentives, can create performance pressure and prompt efforts at cheating rather than effort at skill development.
6	Undermines Intrinsic Motivation	If fask is interesting, short-term goals are typically experienced as controlling and undermine intrinsic motivation (IA). "If fask is uninteresting, short-term goals can create competence feedback and increase intrinsic motivation.
Based on Reeve (2009, pp. 218-219) 52		



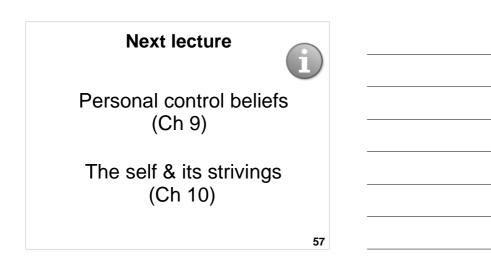












References

- Hattie, J., & Timperley, H. (2007). The power of feedback. *Review of Educational Research*, 77(1), 81-112.
- Reeve, J. (2009). Understanding motivation and emotion (5th ed.). Hoboken, NJ: Wiley.

Note: Image credits are in the slide notes

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